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9015

Supervised MSc Theses

#	Thesis title	By	Date
1	Development of the Data-Driven Computation Method in Mechanical Engineering	Saeed Gotvandi Zadeh & Mohammad Reza Eslami	February 2021
2	Thermally Induced Vibration Analysis of FGM Conical Panel	Ali Salmanizadeh Hassanabadi & Mohammad Reza Eslami	January 2021
3	Dynamic buckling of shallow FGM arches under thermal loading	Mohamad Mahdi Khalili & Mohammad Reza Eslami	January 2021
4	Geometrically Nonlinear Thermally Induced Vibrations in Deep FGM Spherical Shells	Mehran Javani & Mohammad Reza Eslami	July 2019
5	Classical Coupled Thermoelastic Analysis Of Curved Beams	Armin Mollamotallebi & Mohammad Reza Eslami	February 2019
6	Cyclic Loading Analysis Of Rotating Disk Applying The Chaboche Unified Viscoplastic Model	Sina Khoonbani & Mohammad Reza Eslami	February 2019
7	Generalized thermoelasticity of circular plates under axisymmetric partial heat shock	Fatemeh Karimian & Mohammad Reza Eslami	January 2019
8	Generalized Coupled Thermoelastic Analysis Of Curved Beams	Amirreza Haddadi & Mohammad Reza Eslami	October 2018
9	Cyclic loading analysis of thick spherical vessels applying the Chaboche unified viscoplastic model	Vahid Falahi & Mohammad Reza Eslami	February 2018
10	Generalized thermoelasticity of beams under partial heat shock	Mahsa Sakha & Mohammad Reza Eslami	October 2017

11	Nonlinear axisymmetric, thermally induced vibrations of a shallow functionally graded spherical cap	Zahra Asadzadeh & Mohammad Reza Eslami	February 2017
12	Thermal analysis of FGM thick hollow cylinder by superelements	Ayat Jafarzadeh & Mohammad Reza Eslami	January 2017
13	Dynamic buckling of shallow arches under thermal loading	Ali Keibollahi & Mohammad Reza Eslami	October 2016
14	Thermally Induced Vibration Analysis of FGM Plate	Sayyed Masoud Alipour & Mohammad Reza Eslami	September 2015
15	Thermal & mechanical buckling of truncated FGM conical shells with general boundary conditions	Marjan Akbari Beni & Mohammad Reza Eslami	February 2015
16	classical coupled thermoelasticity of functionally graded (FGM) conical shells	Seyed Hamid Reza Mirzaei & Mohammad Reza Eslami	September 2014
17	Generalized coupled thermoelasticity of functionally graded (FGM) conical shells	Hossein Elyasi Mohammadi & Mohammad Reza Eslami	July 2014
18	Nonlinear thermoelastic stability analysis of an FGM arches under thermal loading	Hosein Asgari & Mohammad Reza Eslami	January 2014
19	Buckling and Postbuckling analysis of an FGM arch under mechanical Loading	Masoud Bateni & Mohammad Reza Eslami	January 2014
20	Thermal Dynamical Buckling of Functionally Graded Material Beams	Seyedeh Elaheh Ghiasian & Mohammad Reza Eslami	November 2013
21	Crack tip enrichment in modeling of thermoelastic fracture by extended finite element method	& Mohammad Reza Eslami	June 2013
22	Modeling of localized high-gradients by extended finite element method	& Mohammad Reza Eslami	June 2013
23	Thermo-electro-mechanical buckling of functionally graded piezoelectric beams	Mohammad Komijani & Mohammad Reza Eslami	January 2013
24	Buckling analysis of imperfect FGM conical shells under mechanical loading	& Mohammad Reza Eslami	February 2012
25	Buckling analysis of functionally graded imperfect Conical Shell under Thermal loading	& Mohammad Reza Eslami	February 2012
26	Thermal stress analysis of FGM layer with X-FEM	Arash Farrokhi & Mohammad Reza Eslami	February 2011
27	Thermal Buckling Analysis of Functionally Graded Plate on Elastic Foundation	& Mohammad Reza Eslami	February 2011
28	Thermal Buckling of FGM Cylindrical Shells surrounded by an elastic medium	Elaheh Bagherizadeh & Mohammad Reza Eslami	October 2010
29	Analysis of Waves and Discontinuities Propagation in Coupled Thermoelasticity	Seyed Kasra Hosseini Zad & Mohammad Reza Eslami	February 2010
30	Static Analysis of FGPM Beam Under Thermal Loading	Amin Komeili & Mohammad Reza Eslami	January 2010
31	Dynamic Analysis of FGPM Timoshenko Beam Under Thermal Loading	Arezou Doroushi & Mohammad Reza Eslami	December 2009
32	Analysis of Coupled Thermoelasticity in FGM Rectangular Plates	Abdol Hamid Akbarzadeh Shafaroudi & Mohammad Reza Eslami	October 2009

33	Coupled Thermoelasticity Analysis of FGM Beam By Theory of Elasticity	Arash Afshar & Mohammad Reza Eslami	January 2009
34	Dynamic analysis of FGPM beam under thermal loading	Ahad Armin & Mohammad Reza Eslami	January 2009
35	Cyclic Behavior of Beams Based on Chaboche's Model	Amir Shojaei & Mohammad Reza Eslami	October 2008
36	COUPLED THERMOELASTICITY FOR FGM TIMOSHENKO BEAM	Mostafa Abbasi & Mohammad Reza Eslami	December 2007
37	TEMPERATURE DEPENDENT UNIFIED CONSTITUTIVE MODELING OF AN ISOTROPIC MATERIAL	Ataollah Mesgarnejad & Mohammad Reza Eslami	December 2007
38	Micro polar Thermo Elasticity of Plane	Farnaz Zaveh & Mohammad Reza Eslami	November 2007
39	Micro polar Thermo Elasticity of Cylinder	Nilgoon Irani & Mohammad Reza Eslami	November 2007
40	THERMALLY INDUCED VIBRATION SUPPRESSION OF FGM BEAM WITH INTEGRATED PIEZOELECTRIC ACTUATORS AND SENSORS	Ali Yeilaghi Tamijani & Mohammad Reza Eslami	April 2007
41	DEFLECTION CONTROL OF PIEZOFGM BEAM UNDER THERMAL LOADING	Ali Abbaszadeh & Mohammad Reza Eslami	February 2007
42	CONTROL OF THERMAL BUCKLING IN PIEZO FGM BEAM	Mahdi Pazoki & Mohammad Reza Eslami	January 2007
43	Control of thermally - Induced vibrations of composite piezoelectric beams	Mehdi Fathalizadeh Najib & Mohammad Reza Eslami	February 2005

Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	Finite Elements Methods in Mechanics	Mohammad Reza Eslami	United States	October 2014	1
2	computational mechanic ,thermomechanics	Mohammad Reza Eslami, R Ohayin, A Faghri	Iran (Islamic Republic of)	October 1996	1
3	Buckling and Postbuckling of Beams, Plates, and Shells	Mohammad Reza Eslami	Switzerland	November 2017	1
4	Thermal Stresses--Advanced Theory and Applications		Swaziland	March 2019	2
5	A first course in finite element analysis	Mohammad Reza Eslami	Iran (Islamic Republic of)	March 2003	1
6	Thermal Stresses--Advanced Theory and Applications	Richard B. Hetnarski, Mohammad Reza Eslami	United States	January 2009	1
7	Theory of Elasticity and Thermal Stresses		United States	April 2013	1

Portal Records

- 1 هادی بابایی, محسن جباری, Mohammad Reza Eslami, "The Effect of Porosity on Elastic Stability of Toroidal Shell Segments Made of Saturated Porous functionally Graded Material", JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME, June 2021 Vol. 143, Num. 3, Page 1-11, June 2021,
- 2 Ayat Jafarzadeh, Afshin Taghvaeipour, Mohammad Reza Eslami, "A Cylindrical Superelement for Thermo-Mechanical Analysis of Thin Composite Vessels", EUROPEAN JOURNAL OF COMPUTATIONAL MECHANICS, January 2021 Vol. 29, Num. 0, Page 173-198, January 2021,
- 3 Ayat Jafarzadeh, Afshin Taghvaeipour, Mohammad Reza Eslami, "A Shell Superelement for Mechanical Analysis of Cylindrical Structures", Iranian Journal of Mechanical Engineering, January 2021 Vol. 22, Num. 1, Page 90-107, January 2021,
- 4 Mehran Javani, Yaser Kiani, Mohammad Reza Eslami, "Dynamic snap-through of shallow spherical shells subjected to thermal shock", INTERNATIONAL JOURNAL OF PRESSURE VESSELS AND PIPING, December 2020 Vol. 179, Num. 0, Page 1-16, December 2020,
- 5 هادی بابایی, Mohammad Reza Eslami, "On nonlinear vibration and snap-through buckling of long FG porous cylindrical panels using nonlocal strain gradient theory", COMPOSITE STRUCTURES, October 2020 Vol. 256, Num. 0, Page 1-12, October 2020,
- 6 هادی بابایی, Mohammad Reza Eslami, "Nonlinear analysis of thermal-mechanical coupling bending of FGP infinite length cylindrical panels based on PNS and NSGT", APPLIED MATHEMATICAL MODELLING, October 2020 Vol. 91, Num. 0, Page 1061-1080, October 2020,
- 7 Mehran Javani, یاسر کیانی, Mahmoud Shakeri, Mohammad Reza Eslami, "A unified formulation for thermoviscoelasticity of hollow sphere based on the second sound theories", THIN-WALLED STRUCTURES, September 2020 Vol. 158, Num. 0, Page 1-9, September 2020,
- 8 هادی بابایی, Mohammad Reza Eslami, "Limit load analysis and imperfection sensitivity of porous FG micro-tubes surrounded by a nonlinear softening elastic medium", ACTA MECHANICA, August 2020 Vol. 231, Num. 0, Page 4563-4583, August 2020,
- 9 هادی بابایی, Yaser Kiani, Mohammad Reza Eslami, "Large Amplitude Free Vibrations of FGM Beams on Nonlinear Elastic Foundation in Thermal Field Based on Neutral/Mid?plane Formulations", Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, August 2020 Vol. 0, Num. 0, Page 1-20, August 2020,
- 10 هادی بابایی, یاسر کیانی, Mohammad Reza Eslami, "Large amplitude free vibrations of FGM shallow curved tubes in thermal environment", SMART STRUCTURES AND SYSTEMS, June 2020 Vol. 25, Num. 6, Page 693-705, June 2020,
- 11 Vahid Falahi, حسین مهابادی, Mohammad Reza Eslami, "Ratcheting response of spherical vessels under load-controlled condition based on the Chaboche viscoplastic model", Journal of Structural Engineering & Applied Mechanics, May 2020 Vol. 3, Num. 3, Page 136-152, May 2020,
- 12 هادی بابایی, Mohammad Reza Eslami, "Size-dependent vibrations of thermally pre/post-buckled FG porous micro-tubes based on modified couple stress theory", INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, April 2020 Vol. 180, Num. 0, Page 1-24, April 2020,
- 13 Hamed Bagheri, یاسر کیانی, Mohammad Reza Eslami, "Buckling of moderately thick annular plates subjected to torque", ARCHIVE OF MECHANICAL ENGINEERING, November 2019 Vol. 66, Num. 2, Page 209-223, November 2019,
- 14 Hadi Babaei, Mohammad Reza Eslami, A. R. Khorshidvand, "Thermal buckling and postbuckling responses of geometrically imperfect FG porous beams based on physical neutral plane", JOURNAL OF THERMAL STRESSES, August 2019 Vol. 0, Num. 0, Page 1-24, August 2019,
- 15 Hamed Bagheri, Yaser Kiani, Mohammad Reza Eslami, "Asymmetric Compressive Stability of Rotating Annular Plates", EUROPEAN JOURNAL OF COMPUTATIONAL MECHANICS, July 2019 Vol. 28, Num. 4, Page 325-350, July 2019,
- 16 Mehran Javani, Yaser Kiani, Mohammad Reza Eslami, "Rapid heating vibrations of FGM annular sector plates", ENGINEERING WITH COMPUTERS, July 2019 Vol. 0, Num. 0, Page 1-18, July 2019,

- 17 Majid Saffar-Avval, Mohammad Reza Eslami, Navid Zehtabiyani Rezaie, Mohammad Hosein Nahavandian, "Status of research in the field of engineering in Iran; With a focus on mechanical engineering", , June 2019 Vol. 21, Num. 82, Page 31-57, June 2019,
- 18 Mehran Javani, Yaser Kiani, Mohammad Reza Eslami, "Geometrically nonlinear rapid surface heating of temperature-dependent FGM arches", AEROSPACE SCIENCE AND TECHNOLOGY, May 2019 Vol. 90, Num. 0, Page 264-274, May 2019,
- 19 Hamed Bagheri, Yaser Kiani, Mohammad Reza Eslami, "Buckling of moderately thick annular plates subjected to torque", ARCHIVE OF MECHANICAL ENGINEERING, May 2019 Vol. 66, Num. 2, Page 209-227, May 2019,
- 20 Mehran Javani, Yaser Kiani, Mojtaba Sadighi, Mohammad Reza Eslami, "Nonlinear Vibration Behavior of Rapidly Heated Temperature-Dependent FGM Shallow Spherical Shells", AIAA JOURNAL, May 2019 Vol. 0, Num. 0, Page 1-14, May 2019,
- 21 M. Amiri, Masoud Bateni, Mohammad Reza Eslami, "Dynamic coupled thermoelastic response of thin spherical shells", Journal of Structural Engineering & Applied Mechanics, May 2019 Vol. 2, Num. 2, Page 53-62, May 2019,
- 22 Hadi Babaei, Mohammad Reza Eslami, "Nonlinear Snap-Through Instability of FGM Shallow Micro-Arches with Integrated Surface Piezoelectric Layers Based on Modified Couple Stress Theory", INTERNATIONAL JOURNAL OF STRUCTURAL STABILITY AND DYNAMICS, May 2019 Vol. 19, Num. 8, Page 1-30, May 2019,
- 23 H. Babaei, Yaser Kiani, Mohammad Reza Eslami, "Buckling and Post-Buckling Analysis of Geometrically Imperfect FGM Pin-Ended Tubes Surrounded by Nonlinear Elastic Medium Under Compressive and Thermal Loads", INTERNATIONAL JOURNAL OF STRUCTURAL STABILITY AND DYNAMICS, May 2019 Vol. 19, Num. 8, Page 1-31, May 2019,
- 24 H. Babaei, Yaser Kiani, Mohammad Reza Eslami, "Large amplitude free vibration analysis of shear deformable FGM shallow arches on nonlinear elastic foundation", THIN-WALLED STRUCTURES, May 2019 Vol. 144, Num. 0, Page 1-11, May 2019,
- 25 Ali Keibolahi, Kiani, Mohammad Reza Eslami, "Nonlinear rapid heating of shallow arches", JOURNAL OF THERMAL STRESSES, February 2019 Vol. 41, Num. 0, Page 1244-1258, February 2019,
- 26 Hadi Babaei, Yaser Kiani, Mohammad Reza Eslami, "Thermal buckling and post-buckling analysis of geometrically imperfect FGM clamped tubes on nonlinear elastic foundation", APPLIED MATHEMATICAL MODELLING, February 2019 Vol. 71, Num. 0, Page 12-30, February 2019,
- 27 Mehran Javani, Y.Kiani, Mohammad Reza Eslami, "Free vibration of arbitrary thick FGM deep arches using unconstrained higher-order shear deformation theory", THIN-WALLED STRUCTURES, February 2019 Vol. 136, Num. 0, Page 258-266, February 2019,
- 28 Mohammad Reza Eslami, Naader Alizadeh, "Ultrasensitive and selective QCM sensor for detection of trace amounts of nitroexplosive vapors in ambient air based on polypyrrole–Bromophenol blue nanostructure", SENSORS AND ACTUATORS B-CHEMICAL, February 2019 Vol. 278, Num. 0, Page 55-63, February 2019,
- 29 Hadi Babaei, Mohammad Reza Eslami, "Thermally induced large deflection of FGM shallow micro-arches with integrated surface piezoelectric layers based on modified couple stress theory", ACTA MECHANICA, January 2019 Vol. 230, Num. 0, Page 2363-2384, January 2019,
- 30 Mehran Javani, Y.Kiani, Mohammad Reza Eslami, "Large amplitude thermally induced vibrations of temperature dependent annular FGM plates", COMPOSITES PART B-ENGINEERING, November 2018 Vol. 163, Num. 0, Page 371-383, November 2018,
- 31 H.Babaei, Yaser Kiani, Mohammad Reza Eslami, "Thermomechanical nonlinear in-plane analysis of fix-ended FGM shallow arches on nonlinear elastic foundation using two-step perturbation technique", International Journal of Mechanics and Materials in Design, October 2018 Vol. 0, Num. 0, Page 1-20, October 2018,
- 32 H.Babaei, Y.Kiani, Mohammad Reza Eslami, "Geometrically nonlinear analysis of functionally graded shallow curved tubes in thermal environment", THIN-WALLED STRUCTURES, August 2018 Vol. 132, Num. 0, Page 48-57, August 2018,

- 33 H.Babaei, Y.Kiani, Mohammad Reza Eslami, "Thermally induced large deflection analysis of shear deformable FGM shallow curved tubes using perturbation method", ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, August 2018 Vol. 0, Num. 0, Page 1-17, August 2018,
- 34 H.Babaei, Yaser Kiani, Mohammad Reza Eslami, "Geometrically nonlinear analysis of shear deformable FGM shallow pinned arches on nonlinear elastic foundation under mechanical and thermal loads", ACTA MECHANICA, April 2018 Vol. 229, Num. 0, Page 3123-3141, April 2018,
- 35 Ali Keibolahi, Yaser Kiani, Mohammad Reza Eslami, "Dynamic snap-through of shallow arches under thermal shock", AEROSPACE SCIENCE AND TECHNOLOGY, April 2018 Vol. 77, Num. 0, Page 545-554, April 2018,
- 36 H.Bagheri, Yaser Kiani, Mohammad Reza Eslami, "Free vibration of joined conical-cylindrical-conical shells", ACTA MECHANICA, March 2018 Vol. 229, Num. 0, Page 2751-2764, March 2018,
- 37 H.Bagheri, Yaser Kiani, Mohammad Reza Eslami, "Asymmetric thermal buckling of temperature dependent annular FGM plates on a partial elastic foundation", COMPUTERS & MATHEMATICS WITH APPLICATIONS, March 2018 Vol. 75, Num. 5, Page 1566-1581, March 2018,
- 38 H.Babaei, Yaser Kiani, Mohammad Reza Eslami, "Application of two-steps perturbation technique to geometrically nonlinear analysis of long FGM cylindrical panels on elastic foundation under thermal load", JOURNAL OF THERMAL STRESSES, February 2018 Vol. 41, Num. 7, Page 847-867, February 2018,
- 39 Hamied Bagheri, Yaser Kiani, Mohammad Reza Eslami, "Free vibration of conical shells with intermediate ring support", AEROSPACE SCIENCE AND TECHNOLOGY, November 2017 Vol. 69, Num. 0, Page 321-332, November 2017,
- 40 Masoud Bateni, Mohammad Reza Eslami, "Thermally nonlinear generalized thermoelasticity: a note on the thermal boundary conditions", ACTA MECHANICA, November 2017 Vol. 0, Num. 0, Page 1-20, November 2017,
- 41 Masoud Bateni, Mohammad Reza Eslami, "Thermally nonlinear generalized thermoelasticity of a layer", JOURNAL OF THERMAL STRESSES, October 2017 Vol. 40, Num. 10, Page 1320-1338, October 2017,
- 42 Yaser Kiani, Mohammad Reza Eslami, "A GDQ approach to thermally nonlinear generalized thermoelasticity of disks", JOURNAL OF THERMAL STRESSES, October 2017 Vol. 40, Num. 1, Page 121-133, October 2017,
- 43 Hamied Bagheri, Yaser Kiani, Mohammad Reza Eslami, "Free vibration of joined conical-conical shells", THIN-WALLED STRUCTURES, September 2017 Vol. 120, Num. 0, Page 446-457, September 2017,
- 44 M. Ejjemajou, H. Mahbadi, Mohammad Reza Eslami, "Load Controlled Cyclic Loading of Transversely Isotropic Cylindrical Vessels Based on the Anisotropic Kinematic Hardening Models", JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME, June 2017 Vol. 139, Num. 0, Page 1-8, June 2017,
- 45 M.R.Jafari Nejad, Mohammad Reza Eslami, "Coupled thermoelasticity of FGM annular plate under lateral thermal shock", COMPOSITE STRUCTURES, May 2017 Vol. 168, Num. 0, Page 758-771, May 2017,
- 46 H.Bagheri, Y. Kiani, Mohammad Reza Eslami, "Asymmetric thermo-inertial buckling of annular plates", ACTA MECHANICA, April 2017 Vol. 228, Num. 4, Page 1493-1509, April 2017,
- 47 M.Jabbari, M.Meshkini, Mohammad Reza Eslami, "Mechanical and Thermal Stresses in FGPPM Hollow Cylinder Due to Radially Symmetric Loads", JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME, February 2017 Vol. 138, Num. 0, Page 10-18, February 2017,
- 48 Hamed Bagheri, Y.Kiani, Mohammad Reza Eslami, "Asymmetric thermal buckling of annular plates on a partial elastic foundation", JOURNAL OF THERMAL STRESSES, January 2017 Vol. 40, Num. 8, Page 1015-1029, January 2017,
- 49 Y. Kiani, Mohammad Reza Eslami, "Nonlinear generalized thermoelasticity of an isotropic layer based on Lord-Shulman theory", EUROPEAN JOURNAL OF MECHANICS A-SOLIDS, October 2016 Vol. 61, Num. 0, Page 245-253, October 2016,
- 50 Y.Kiani, Mohammad Reza Eslami, "The GDQ Approach to Thermally Nonlinear Generalized Thermoelasticity of Spheres", INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, September 2016 Vol. 118, Num. 0, Page 195-204, September 2016,

- 51 Y. Kiani, Mohammad Reza Eslami, "The GDQ approach to thermally nonlinear generalized thermoelasticity of a hollowsphere", *INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES*, August 2016 Vol. 118, Num. 0, Page 195-204, August 2016,
- 52 A.Mojahedin, Mohsen Jabbari, A.R.Khorshid Vand, Mohammad Reza Eslami, "Buckling analysis of functionally graded circular plates made of saturated porous materials based on higher order shear deformation theory", *THIN-WALLED STRUCTURES*, January 2016 Vol. 99, Num. 0, Page 83-90, January 2016,
- 53 Masoud Bateni, Mohammad Reza Eslami, "Non-linear in-plane stability analysis of FG circular shallow arches under uniform radial pressure", *THIN-WALLED STRUCTURES*, September 2015 Vol. 94, Num. 0, Page 302-313, September 2015,
- 54 Sayyed Masoud Alipour, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Rapid heating of FGM rectangular plates", *ACTA MECHANICA*, August 2015 Vol. 0, Num. 0, Page 1-16, August 2015,
- 55 SeyedeH Elaheh Ghiasian, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Nonlinear thermal dynamic buckling of FGM beams", *EUROPEAN JOURNAL OF MECHANICS A-SOLIDS*, July 2015 Vol. 54, Num. 0, Page 232-242, July 2015,
- 56 Mahsa Ekhlas Pour, Mohammad Reza Eslami, "Application of the VIM to thermal buckling of composite beams on an elastic foundation", *SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS*, May 2015 Vol. 0, Num. 0, Page 1-11, May 2015,
- 57 Yasser Kiani Harchegani, Mohammad Reza Eslami, "Thermal Postbuckling of Imperfect Circular Functionally Graded Material Plates: Examination of Voigt, Mori-Tanaka, and Self-Consistent Schemes", *JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME*, April 2015 Vol. 137, Num. 0, Page 1-11, April 2015,
- 58 Marjan Akbari Beni, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Thermal buckling of temperature-dependent FGM conical shells with arbitrary edge supports", *ACTA MECHANICA*, March 2015 Vol. 226, Num. 3, Page 897-915, March 2015,
- 59 Ahmd Reza Khorshid Vand, M- Jabbari, Mohammad Reza Eslami, "Thermo-electro-mechanical Buckling of Shear Deformable Hybrid Circular FGM Plates", *MECHANICS OF ADVANCED MATERIALS AND STRUCTURES*, March 2015 Vol. 22, Num. 7, Page 578-590, March 2015,
- 60 Hossein Abdollahi, S . E . Esfahani, Mahmoud Shakeri, Mohammad Reza Eslami, "Non-Linear Thermal Stability Analysis of SMA Wire- Embedded Hybrid Laminated Composite Timoshenko Beams on Non-Linear Hardening Elastic Foundation", *JOURNAL OF THERMAL STRESSES*, February 2015 Vol. 38, Num. 3, Page 277-308, February 2015,
- 61 Yasser Kiani Harchegani, Mohammad Reza Eslami, "GEOMETRICALLY NON-LINEAR RAPID HEATING OF TEMPERATURE-DEPENDENT CIRCULAR FGM PLATES", *JOURNAL OF THERMAL STRESSES*, September 2014 Vol. 37, Num. 12, Page 1495-1518, September 2014,
- 62 Hamed Asadi, Yasser Kiani Harchegani, Mahmoud Shakeri, Mohammad Reza Eslami, "Exact Solution for Nonlinear Thermal Stability of Geometrically Imperfect Hybrid Laminated Composite Timoshenko Beams Embedded with SMA Fibers", *JOURNAL OF ENGINEERING MECHANICS-ASCE*, September 2014 Vol. 0, Num. 0, Page 0-0, September 2014,
- 63 Mohsen Jabbari, E. Shahryri , Hassan Haghghat, Mohammad Reza Eslami, "An analytical solution for steady state three dimensional thermoelasticity of functionally graded circular plates due to axisymmetric loads", *EUROPEAN JOURNAL OF MECHANICS A-SOLIDS*, September 2014 Vol. 47, Num. 0, Page 124-142, September 2014,
- 64 SeyedeH Elaheh Ghiasian, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Non-linear rapid heating of FGM beams", *INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS*, August 2014 Vol. 67, Num. 0, Page 74-84, August 2014,
- 65 Mostafa Sabzikarboroujerdy, Mohammad Reza Eslami, "Axisymmetric snap-through behavior of Piezo-FGM shallow clamped spherical shells under thermo-electro-mechanical loading", *INTERNATIONAL JOURNAL OF PRESSURE VESSELS AND PIPING*, July 2014 Vol. 120-121, Num. 0, Page 19-26, July 2014,
- 66 Masoud Kerdegar Bakhsh, Yasser Kiani Harchegani; S.E.Esfahani, Mohammad Reza Eslami, "Postbuckling of FGM rings", *INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES*, July 2014 Vol. 85, Num. 0, Page 187-195, July 2014,

- 67 Marjan Akbari Beni, Yasser Kiani Harchegani, Mohammad Mohammadi Aghdam, Mohammad Reza Eslami, "Free vibration of FGM Lévy conical panels", COMPOSITE STRUCTURES, June 2014 Vol. 116, Num. 0, Page 732-746, June 2014,
- 68 Hosein Asgari, Masoud Bateni, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Non-linear thermo-elastic and buckling analysis of FGM shallow arches", COMPOSITE STRUCTURES, April 2014 Vol. 109, Num. 1, Page 75-85, April 2014,
- 69 Mohsen Jabbari, Arvin Mojahedin, Ahmad Reza Khorshidvand, Mohammad Reza Eslami, "Buckling Analysis of Functionally Graded Thin Circular Plate Made of Saturated Porous Materials", JOURNAL OF ENGINEERING MECHANICS-ASCE, March 2014 Vol. 140, Num. 2, Page 287-295, March 2014,
- 70 Seyedeh Elaheh Ghiasian, Yasser Kiani Harchegani, Mojtaba Sadighi, Mohammad Reza Eslami, "Thermal buckling of shear deformable temperature dependent circular annular FGM plates", INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, February 2014 Vol. 81, Num. 0, Page 137-148, February 2014,
- 71 Mostafa Sabzikarboroujerdy, Mohammad Reza Eslami, "Thermal Buckling of Piezoelectric Functionally Graded Material Deep Spherical Shells", JOURNAL OF STRAIN ANALYSIS FOR ENGINEERING DESIGN, January 2014 Vol. 49, Num. 1, Page 51-62, January 2014,
- 72 A. R. Khorshidvand, E. F. Joubaneh, Mohsen Jabbari, Mohammad Reza Eslami, "Buckling analysis of a porous circular plate with piezoelectric sensor-actuator layers under uniform radial compression", ACTA MECHANICA, January 2014 Vol. 225, Num. 1, Page 179-193, January 2014,
- 73 Hamed Asadi, Yasser Kiani Harchegani, Mahmoud Shakeri, Mohammad Reza Eslami, "Exact Solution for Nonlinear Thermal Stability of Hybrid Laminated Composite Timoshenko Beams Reinforced with SMA Fibers", COMPOSITE STRUCTURES, January 2014 Vol. 108, Num. 0, Page 811-822, January 2014,
- 74 Masoud Bateni, Mohammad Reza Eslami, "Non-linear in-plane stability analysis of FGM circular shallow arches under central concentrated force", INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS, January 2014 Vol. 60, Num. 0, Page 58-69, January 2014,
- 75 S.E.Esfahani, Yasser Kiani Harchegani, Mohammad Komijani, Mohammad Reza Eslami, "Vibration of a Temperature-Dependent Thermally Pre/Postbuckled FGM Beam Over a Nonlinear Hardening Elastic Foundation", JOURNAL OF APPLIED MECHANICS-TRANSACTIONS OF THE ASME, January 2014 Vol. 81, Num. 1, Page 1-13, January 2014,
- 76 M. Jabbari, M. Hashemitaheri, A. Mojahedin, Mohammad Reza Eslami, "Thermal Buckling Analysis of Functionally Graded Thin Circular Plate Made of Saturated Porous Materials", JOURNAL OF THERMAL STRESSES, January 2014 Vol. 37, Num. 2, Page 202-220, January 2014,
- 77 Seyedeh Elaheh Ghiasian, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Dynamic buckling of suddenly heated or compressed FGM beams resting on nonlinear elastic foundation", COMPOSITE STRUCTURES, December 2013 Vol. 106, Num. 0, Page 225-234, December 2013,
- 78 Masoud Bateni, Yasser Kiani Harchegani, Mohammad Reza Eslami, "A comprehensive study on stability of FGM plates", INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, September 2013 Vol. 75, Num. 0, Page 134-144, September 2013,
- 79 Yasser Kiani Harchegani, Mohammad Reza Eslami, "Nonlinear Thermo-Inertial Stability of Thin Circular FGM Plates", JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, September 2013 Vol. 0, Num. 0, Page 0-0, September 2013,
- 80 Mohammad Komijani, محمد . ن . ج. Mohammad Reza Eslami, "Nonlinear analysis of microstructure-dependent functionally graded piezoelectric material actuators", JOURNAL OF THE MECHANICS AND PHYSICS OF SOLIDS, September 2013 Vol. 0, Num. 0, Page 0-0, September 2013,
- 81 Yasser Kiani Harchegani, Mojtaba Sadighi, Mohammad Reza Eslami, "Dynamic analysis and active control of smart doubly curved FGM panels", COMPOSITE STRUCTURES, August 2013 Vol. 102, Num. 0, Page 205-216, August 2013,
- 82 A.Kargani, Yasser Kiani Harchegani, Mohammad Reza Eslami, "EXACT SOLUTION FOR NONLINEAR STABILITY OF PIEZOELECTRIC FGM TIMOSHENKO BEAMS UNDER THERMO-ELECTRICAL LOADS", JOURNAL OF THERMAL STRESSES, August 2013 Vol. 36, Num. 10, Page 1056-1076, August 2013,

- 83 Mohammad Komijani, H.Mahbadi, Mohammad Reza Eslami, "Thermal and mechanical cyclic loading of thick spherical vessels made of transversely isotropic materials", INTERNATIONAL JOURNAL OF PRESSURE VESSELS AND PIPING, July 2013 Vol. 107, Num. 0, Page 1-11, July 2013,
- 84 , Yasser Kiani Harchegani, Mohammad Reza Eslami, "Linear thermal buckling analysis of truncated hybrid FGM conical shells", COMPOSITES PART B-ENGINEERING, July 2013 Vol. 50, Num. 0, Page 265-272, July 2013,
- 85 Mostafa Sabzikarboroujerdy, Mohammad Reza Eslami, "Nonlinear axisymmetric thermomechanical response of piezo-FGM shallow spherical shells", ARCHIVE OF APPLIED MECHANICS, July 2013 Vol. 83, Num. 12, Page 1681-1693, July 2013,
- 86 Mohammad Komijani, J. N. Reddy, Mohammad Reza Eslami, Masoud Bateni, "AN ANALYTICAL APPROACH FOR THERMAL STABILITY ANALYSIS OF TWO-LAYER TIMOSHENKO BEAMS", INTERNATIONAL JOURNAL OF STRUCTURAL STABILITY AND DYNAMICS, June 2013 Vol. 13, Num. 8, Page 193-303, June 2013,
- 87 Yasser Kiani Harchegani, Mojtaba Sadighi, Sattar Jedari Salami, Mohammad Reza Eslami, "Low velocity impact response of thick FGM beams with general boundary conditions in thermal field", COMPOSITE STRUCTURES, June 2013 Vol. 104, Num. 0, Page 293-303, June 2013,
- 88 Yasser Kiani Harchegani, Mohammad Reza Eslami, "Instability of heated circular FGM plates on a partial Winkler-type foundation", ACTA MECHANICA, May 2013 Vol. 224, Num. 5, Page 1045-1060, May 2013,
- 89 Mohsen Jabbari, E.Farzaneh Jobaneh, A.R.Khorshidvand, Mohammad Reza Eslami, "Buckling analysis of porous circular plate with piezoelectric actuator layers under uniform radial compression", INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, May 2013 Vol. 70, Num. 0, Page 50-56, May 2013,
- 90 Ahmad Reza Khorshidvand, Mohammad Reza Eslami, "A Comparison between Thermal Buckling Solutions of Power-Law, Sigmoid, Exponential FGM Circular Plates", International Journal of Engineering and Advanced Technology, May 2013 Vol. 5, Num. 2, Page 191-194, May 2013,
- 91 Yaghoob Dabiri, Siamak Najarian, Mohammad Reza Eslami, Saeed Zahedi, David Moser, "A powered prosthetic knee joint inspired from musculoskeletal system", BIOCYBERNETICS AND BIOMEDICAL ENGINEERING, April 2013 Vol. 33, Num. 2, Page 118-124, April 2013,
- 92 Seyed Ehsan Esfahani, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Non-linear thermal stability analysis of temperature dependent FGM beams supported on non-linear hardening elastic foundations", INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, April 2013 Vol. 69, Num. 0, Page 10-20, April 2013,
- 93 Yasser Kiani Harchegani, Mohammad Reza Eslami, "Thermomechanical buckling of temperature-dependent FGM beams", LATIN AMERICAN JOURNAL OF SOLIDS AND STRUCTURES, March 2013 Vol. 10, Num. 2, Page 223-246, March 2013,
- 94 Babak Mirzavand Brojeni, Mohammad Reza Eslami, J.N.Reddy, "DYNAMIC THERMAL POSTBUCKLING ANALYSIS OF SHEAR DEFORMABLE PIEZOELECTRIC-FGM CYLINDRICAL SHELLS", JOURNAL OF THERMAL STRESSES, February 2013 Vol. 36, Num. 3, Page 189-206, February 2013,
- 95 Mohammad Komijani, Yasser Kiani Harchegani, Seied Ehsan Esfahani, Mohammad Reza Eslami, "Vibration of Thermo-electrically Post-buckled Rectangular Functionally Graded Piezoelectric Beams", COMPOSITE STRUCTURES, January 2013 Vol. 98, Num. 1, Page 143-152, January 2013,
- 96 Yasser Kiani Harchegani, Mohammad Reza Eslami, "An exact solution for thermal buckling of annular FGM plates on an elastic medium", COMPOSITES PART B-ENGINEERING, January 2013 Vol. 45, Num. 1, Page 101-110, January 2013,
- 97 Mostafa Sabzikarboroujerdy, Mohammad Reza Eslami, "Thermal buckling of piezo-FGM shallow spherical shells", MECCANICA, November 2012 Vol. 0, Num. 0, Page 0-0, November 2012,
- 98 Poyan Ghaedi, Mohammad Reza Eslami, Javad Jahanbakhsh, "Thermoelastic Stability Analysis of Imperfect Functionally Graded Shallow Spherical Shells", Nonlinear Engineering-Modeling and Application(NLENG), November 2012 Vol. 1, Num. 1, Page 11-24, November 2012,
- 99 J. Jahanbakhsh, Mohammad Reza Eslami, P.Ghedi, "Thermal Buckling of Imperfect Deep Functionally Graded Spherical Shell", JOURNAL OF THERMAL STRESSES, November 2012 Vol. 35, Num. 10, Page 921-946, November 2012,

- 100 M. Jabbari, S. Karampour, Mohammad Reza Eslami, "Steady state thermal and mechanical stresses of a poro-piezo-FGM hollow sphere", *MECCANICA*, October 2012 Vol. 0, Num. 0, Page 0-0, October 2012,
- 101 Mohammad Komijani, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Non-linear thermoelectrical stability analysis of functionally graded piezoelectric material beams", *JOURNAL OF INTELLIGENT MATERIAL SYSTEMS AND STRUCTURES*, October 2012 Vol. 24, Num. 11, Page 1-12, October 2012,
- 102 Mohssen Jabbari, Mohamad Meshkini, Mohammad Reza Eslami, "Nonaxisymmetric Mechanical and Thermal Stresses in FGPPM Hollow Cylinder", *JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME*, July 2012 Vol. 134, Num. 0, Page 1-25, July 2012,
- 103 Yasser Kiani Harchegani, Mohammad Reza Eslami, "Thermal buckling and post-buckling response of imperfect temperature-dependent sandwich FGM plates resting on elastic foundation", *ARCHIVE OF APPLIED MECHANICS*, June 2012 Vol. 82, Num. 7, Page 891-905, June 2012,
- 104 Ahmad Reza Khorshidvand, Mohsen Jabbari, Mohammad Reza Eslami, "Thermoelastic Buckling Analysis of Functionally Graded Circular Plates Integrated With Piezoelectric Layers", *JOURNAL OF THERMAL STRESSES*, June 2012 Vol. 35, Num. 8, Page 695-717, June 2012,
- 105 Yasser Kiani Harchegani, Abdolhamid Akbarzadeh, Zengtao Chen, Mohammad Reza Eslami, "Static and dynamic analysis of an FGM doubly curved panel resting on the Pasternak-type elastic foundation", *COMPOSITE STRUCTURES*, May 2012 Vol. 94, Num. 8, Page 2474-2484, May 2012,
- 106 Yasser Kiani Harchegani, Mahmoud Shakeri, Mohammad Reza Eslami, "Thermoelastic free vibration and dynamic behaviour of an FGM doubly curved panel via the analytical hybrid Laplace-Fourier transformation", *ACTA MECHANICA*, May 2012 Vol. 223, Num. 6, Page 1199-1218, May 2012,
- 107 Arash Zamani, Richard B Hetnarski, Mohammad Reza Eslami, "Thermal interfaces by higher order polytope FEM", *JOURNAL OF THERMAL STRESSES*, February 2012 Vol. 35, Num. 0, Page 103-117, February 2012,
- 108 Arash Zamani, Robert Gracie, Mohammad Reza Eslami, "Cohesive and non-cohesive fracture by higher-order enrichment of XFEM", *INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING*, January 2012 Vol. 0, Num. 0, Page 0-0, January 2012,
- 109 Abdol Hamid Akbarzadeh, Mostafa Abbasi, Mohammad Reza Eslami, "Coupled thermoelasticity of functionally graded plates based on the third-order shear deformation theory", *THIN-WALLED STRUCTURES*, January 2012 Vol. 53, Num. 0, Page 141-155, January 2012,
- 110 Elaheh Bagherizadeh, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Thermal Buckling of Functionally Graded Material Cylindrical Shells on Elastic Foundation", *AIAA JOURNAL*, January 2012 Vol. 50, Num. 2, Page 500-503, January 2012,
- 111 Yasser Kiani Harchegani, Elaheh Bagherizadeh, 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*, December 2011 Vol. 0, Num. 0, Page 1-10, December 2011,
- 112 Mohsen Jabbari, M-Meshkini, Mohammad Reza Eslami, "Mechanical and Thermal Stresses in a FGPM Hollow Cylinder Due to Non-Axisymmetric Loads", *Journal of Solid Mechanics*, December 2011 Vol. 3, Num. 1, Page 19-41, December 2011,
- 113 M. H. Mahbadi, Mohammad Reza Eslami, "Cyclic loading behaviour of thick cylindrical vessels under creep deformation", *JOURNAL OF STRAIN ANALYSIS FOR ENGINEERING DESIGN*, November 2011 Vol. 46, Num. 8, Page 727-739, November 2011,
- 114 Yasser Kiani Harchegani, Saeid Taheri, Mohammad Reza Eslami, "Thermal Buckling of Piezoelectric Functionally Graded Material Beams", *JOURNAL OF THERMAL STRESSES*, November 2011 Vol. 34, Num. 8, Page 835-850, November 2011,
- 115 Elaheh Bagherizadeh, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Mechanical buckling of functionally graded material cylindrical shells surrounded by Pasternak elastic foundation", *COMPOSITE STRUCTURES*, October 2011 Vol. 93, Num. 11, Page 3063-3071, October 2011,
- 116 Mohsen Jabbari, Hamid Dehbani, Mohammad Reza Eslami, "An Exact Solution for Classic Coupled Thermoelasticity in Cylindrical Coordinates", *JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME*, October 2011 Vol. 133, Num. 5, Page 1-10, October 2011,

- 117 Mojtaba Sadighi, Mohammadhosein Benavidi, Mohammad Reza Eslami, "Improvement of thermo-mechanical properties of transversely flexible sandwich panels by functionally graded skins", JOURNAL OF SANDWICH STRUCTURES & MATERIALS, September 2011 Vol. 13, Num. 5, Page 539-577, September 2011,
- 118 Amin Komeili, Abdol Hamid Akbarzadeh Shafaroudi, Arezou Doroushi, Mohammad Reza Eslami, "Static Analysis of Functionally Graded Piezoelectric Beams under Thermo-Electro-Mechanical Loads", Advances in Mechanical Engineering, August 2011 Vol. 2011, Num. 153731, Page 1-10, August 2011,
- 119 Yaghoub Dabiri, Siamak Najarian, Mohammad Reza Eslami, Saeed Zahedi, David Moser, Elham Shirzad, "A Computer Simulation of The Effect of Muscle Loss on HIP Joint Effort During The Stance Phase of Transfemoral Amputee Gait", BIOMEDICAL ENGINEERING-APPLICATIONS BASIS COMMUNICATIONS, August 2011 Vol. 23, Num. 5, Page 369-376, August 2011,
- 120 Yasser Kiani Harchegani, Mehdi Rezaei, Saeid Taheri, Mohammad Reza Eslami, "Thermo-electrical buckling of piezoelectric functionally graded material Timoshenko beams", International Journal of Mechanics and Materials in Design, July 2011 Vol. 7, Num. 3, Page 185-197, July 2011,
- 121 Seyed Kasra Hosseini Zad, Amin Komeili, Mohammad Reza Eslami, Shahriar Fariborz, "Classical and generalized coupled thermoelasticity analysis in one-dimensional layered media", ARCHIVE OF APPLIED MECHANICS, July 2011 Vol. 0, Num. 0, Page 1-16, July 2011,
- 122 Mohammad Bagher Nazari, Mahmoud Shariati, Mohammad Reza Eslami, Behrooz Hassani, "Computation of Stress Intensity Factor in Functionally Graded Plates under Thermal Shock", STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, June 2011 Vol. 57, Num. 0, Page 622-632, June 2011,
- 123 Mohsen Jabbari, Mohsen Meshkini, Mohammad Reza Eslami, "Mechanical and Thermal Stresses in a FGPM Hollow Cylinder due to Radially Symmetric Loads", ISRN mechanical engineering, June 2011 Vol. 2011, Num. 291409, Page 1-9, June 2011,
- 124 Saeid Yazdani, , Mohsen Jabbari, Mohammad Reza Eslami, "Thermal Buckling of Piezoelectric Composite Beam", International Scholarly Research Network Mechanical Engineering, April 2011 Vol. 2011, Num. 0, Page 1-11, April 2011,
- 125 Arash Zamani, Mohammad Reza Eslami, "Embedded Interfaces by Polytope FEM", INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING, April 2011 Vol. 0, Num. 0, Page 0-0, April 2011,
- 126 Babak Mirzavand, 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, April 2011 Vol. 18, Num. 3, Page 185-193, April 2011,
- 127 Ahmad Raeisi Najafi, Kaveh Pourakbar Saffar, Ahmadreza Arshi, Erfan Mallakin, Hamid Reza Katouzian, Mohammad Reza Eslami, Manssour H. Moeinzadeha, "Propagation of Microcracks in Bovine Osteonal Cortical Bone", Akademica, March 2011 Vol. 1, Num. 1, Page 1-7, March 2011,
- 128 Arash Zamani, Richard B. Hetnarski, Mohammad Reza Eslami, "Second Sound in A Cracked Layer Based on Lord-Shulman Theory", JOURNAL OF THERMAL STRESSES, March 2011 Vol. 34, Num. 3, Page 181-200, March 2011,
- 129 Mohsen Jabbari, Saeid Karampour, Mohammad Reza Eslami, "Radially Symmetric Steady State Thermal and Mechanical Stresses of a Poro FGM Hollow Sphere", International Scholarly Research Network Mechanical Engineering, March 2011 Vol. 2011, Num. 0, Page 1-7, March 2011,
- 130 Babak Mirzavand, Mohammad Reza Eslami, "A closed-form solution for thermal buckling of piezoelectric FGM rectangular plates with temperature-dependent properties", ACTA MECHANICA, March 2011 Vol. 218, Num. 0, Page 87-101, March 2011,
- 131 , Elaheh Bagherizadeh, 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, March 2011 Vol. 91, Num. 7, Page 581-593, March 2011,
- 132 Reza Shahsiah, Mohammad Reza Eslami, Mostafa Sabzikarboroujerdy, "Thermal instability of functionally graded deep spherical shell", ARCHIVE OF APPLIED MECHANICS, February 2011 Vol. 81, Num. 10, Page 1455-1471, February 2011,

- 133 Arezou Doroushi, Mohammad Reza Eslami, 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, February 2011 Vol. 22, Num. 0, Page 231-243, February 2011,
- 134 Abdol Hamid Akbarzadeh Shafaroudi, Mostafa Abbasi, Seyed Kasra Hosseini Zad, Mohammad Reza Eslami, "Dynamic analysis of functionally graded plates using the hybrid Fourier-Laplace transform under thermomechanical loading", MECCANICA, January 2011 Vol. 46, Num. 6, Page 1373-1392, January 2011,
- 135 Arash Afshar, Mostafa Abbasi, 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, January 2011 Vol. 18, Num. 3, Page 327-336, January 2011,
- 136 Abdol Hamid Akbarzadeh Shafaroudi, Seyed Kasra Hosseini Zad, Mohammad Reza Eslami, Mojtaba Sadighi, "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, January 2011 Vol. 225, Num. 2, Page 326-333, January 2011,
- 137 Arash Zamani, Mohammad Reza Eslami, "Gradient-enhanced damage modeling of cracked bodies by reproducing kernel element method", COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING, January 2011 Vol. 213-216, Num. 0, Page 266-288, January 2011,
- 138 Yaghoob Dabiri, Siamak Najarian, Mohammad Reza Eslami, S.Zahedi, D.Mozer, Elham Shirzad, 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, December 2010 Vol. 6, Num. 4, Page 234-238, December 2010,
- 139 Babak Mirzavand Boroujeni, Mohammad Reza Eslami, "A closed-form solution for thermal buckling of piezoelectric FGM rectangular plates with temperature-dependent properties", Acta Mechanica, November 2010 Vol. 0, Num. 0, Page 0-0, November 2010,
- 140 A. Hafezalkotob, Mohammad Reza Eslami, "Thermomechanical Buckling of Simply Supported Shallow FGM Spherical Shells with Temperature-Dependent Material", Iranian Journal of Mechanical Engineering, September 2010 Vol. 11, Num. 2, Page 39-65, September 2010,
- 141 Babak Mirzavand Boroujeni, Mohammad Reza Eslami, Mahmoud Shakeri, "Dynamic thermal postbuckling analysis of piezoelectric functionally graded cylindrical shells", Journal of Thermal Stresses, August 2010 Vol. 33, Num. 7, Page 0-0, August 2010,
- 142 , Mohammad Reza Eslami, "Thermal buckling analysis of functionally graded material beams", International Journal of Mechanics and Materials in Design, July 2010 Vol. 6, Num. 3, Page 0-0, July 2010,
- 143 Amir Shojaei, Mohammad Reza Eslami, H. Mahbadi, "Cyclic loading of beams based on the Chaboche model", International Journal of Mechanics and Materials in Design, July 2010 Vol. 6, Num. 3, Page 217-228, July 2010,
- 144 M. Jabbari, H. Dehbani, Mohammad Reza Eslami, "An exact solution for classic coupled thermoelasticity in spherical coordinates", JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME, June 2010 Vol. 132, Num. 3, Page 0-0, June 2010,
- 145 Arash Zamani, Robert Gracie, Mohammad Reza Eslami, "Higher order tip enrichment of extended Finite Element Method in thermoelasticity", COMPUTATIONAL MECHANICS, June 2010 Vol. 46, Num. 6, Page 851-866, June 2010,
- 146 Mostafa Abbasi, Mehdi Sabbaghian, 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, May 2010 Vol. 5, Num. 1, Page 79-94, May 2010,
- 147 S. J. Zakavi, M. Zehsaz, Mohammad Reza Eslami, "The ratchetting behavior of pressurized plain pipework subjected to cyclic bending moment with the combined hardening model", NUCLEAR ENGINEERING AND DESIGN, April 2010 Vol. 240, Num. 4, Page 726-737, April 2010,
- 148 Mohammad Bagher Nazari, Mahmoud Shariati, Mohammad Reza Eslami, Behrouz Hassani, "Meshless analysis of cracked functionally graded materials under thermal shock", MECHANIKA, April 2010 Vol. 84, Num. 4, Page 20-27, April 2010,

- 149 Yaghoub Dabiri, Siamak Najarian, Mohammad Reza Eslami, س. زاهدی, D.Mozer, 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*, March 2010 Vol. 56, Num. 4, Page 0-0, March 2010,
- 150 Ahad Armin, Bashir Behjat Khajeh, Mostafa Abbasi, Mohammad Reza Eslami, "Finite Element Analysis of Functionally Graded Piezoelectric Beams", *Iranian Journal of Mechanical Engineering Transactions of the ISME*, March 2010 Vol. 11, Num. 1, Page 45-73, March 2010,
- 151 Yaghoub Dabiri, Siamak Najarian, Mohammad Reza Eslami, س. زاهدی, D.Mozer, 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*, January 2010 Vol. 4, Num. 1, Page 0-0, January 2010,
- 152 Arash Zamani, Mohammad Reza Eslami, "Implementation of the extended finite element method for dynamic thermoelastic fracture initiation", *International Journal of Solids and Structures*, January 2010 Vol. 47, Num. 10, Page 0-0, January 2010,
- 153 Arash Zamani, Mohammad Reza Eslami, "Coupled Dynamical Thermoelasticity of a Functionally Graded Cracked Layer", *Journal of Thermal Stresses*, October 2009 Vol. 32, Num. 10, Page 0-0, October 2009,
- 154 Ahmad Raesi Najafi, Ahmadreza Arshi, Mohammad Reza Eslami, Shahriar Fariborz, "A fiber-ceramic matrix composite material model for osteonal cortical bone fracture micromechanics: Solution of arbitrary microcracks interaction", , July 2009 Vol. , Num. 2, Page 0-0, July 2009,
- 155 Yaghoub Dabiri, Siamak Najarian, Mohammad Reza Eslami, Saeed Zadedi, Devid Mozer, Elham Shirzad, "A Comparison between Intact and Prosthetic Leg Individual Muscle Forces of Transfemoral Amputee Subjects", *Iranian Journal of War and Public Health*, June 2009 Vol. 1, Num. 4, Page 34-37, June 2009,
- 156 Mohammad Reza Eslami, "Axisymmetric mechanical and thermal stresses in thick short length FGM cylinders", *International Journal of Pressure Vessels and Piping*, May 2009 Vol. 86, Num. 5, Page 0-0, May 2009,
- 157 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*, January 2009 Vol. 4, Num. 4, Page 0-0, January 2009,
- 158 [en-name N/A], Mohammad Reza Eslami, "Exact Solution for Asymmetric Transient Thermal and Mechanical Stresses in FGM Hollow Cylinders with Heat Source", , December 2008 Vol. , Num. 5, Page 0-0, December 2008,
- 159 Reza Naj, Mohammad Reza Eslami, "Thermomechanical Instability of Functionally Graded Truncated Conical Shells With Temperature -Dependent Material", , December 2008 Vol. , Num. 43, Page 0-0, December 2008,
- 160 Babak Mirzavand Boroujeni, Mohammad Reza Eslami, "Thermoelastic Stability Analysis of Imperfect Functionally Graded Cylindrical Shells", , October 2008 Vol. , Num. 8, Page 0-0, October 2008,
- 161 [en-name N/A], Mohammad Reza Eslami, "Elastic -Plastic -Creep Cyclic Loading of Rotating Hollow Disks", , September 2008 Vol. , Num. 1, Page 0-0, September 2008,
- 162 Mohammad Hossein Babaei, Mostafa Abbasi, Mohammad Reza Eslami, "Coupled Thermoelasticity of Functionally Graded Beams", , August 2008 Vol. , Num. 8, Page 0-0, August 2008,
- 163 [en-name N/A], [en-name N/A], [en-name N/A], Mohammad Reza Eslami, "Cyclic Strain Accumulation of Plain Stainless Steel Pressurized Cylinders Subjected to Dynamic Bending Moment", , August 2008 Vol. , Num. 8, Page 0-0, August 2008,
- 164 Ahmad Raesi Najafi, Erfan Mallakin, [en-name N/A], Hamid Reza Katouzian, Ahmadreza Arshi, Mohammad Reza Eslami, "Fracture Test of Bovine Contrical Bone ,Evaluation of Bone Toughness Properties and Consideration of Bone Microstructure Effect on Fracture Behavior", , July 2008 Vol. 0, Num. 0, Page 0-0, July 2008,
- 165 Reza Poultangari, Mohammad Reza Eslami, "Functionally graded hollow spheres under non-axisymmetric thermo-mechanical loads", , May 2008 Vol. , Num. 85, Page 0-0, May 2008,
- 166 Akbar Bagri, Mohammad Reza Eslami, "Generalized coupled thermoelasticity of functionally graded annular disk considering the Lord-Shulman theory", , April 2008 Vol. , Num. 83, Page 0-0, April 2008,

- 167 Reza Naj, Mostafa Sabzikarboroujerdy, Mohammad Reza Eslami, "Thermal and Mechanical Instability of Functionally Graded Truncated Conical Shells", , January 2008 Vol. , Num. 46, Page 0-0, January 2008,
- 168 Akbar Bagri, Mohammad Reza Eslami, "A unified generalized thermoelasticity; solution for cylinders and spheres", , December 2007 Vol. , Num. 49, Page 0-0, December 2007,
- 169 Babak Mirzavand Boroujeni, Mohammad Reza Eslami, "Thermal buckling of simply supported piezoelectric FGM cylindrical shells", , December 2007 Vol. , Num. 30, Page 0-0, December 2007,
- 170 Akbar Bagri, Mohammad Reza Eslami, "Analysis of thermoelastic waves in functionally graded hollow spheres based on the Green-Lindsay theory", , November 2007 Vol. , Num. , Page 0-0, November 2007,
- 171 Ahmad Raesi Najafi, Ahmadreza Arshi, Mohammad Reza Eslami, Shahriar Fariborz, Mansour Moeinzadeh, "Effect of Microstructure and Mechanical Properties of Haversian Cortical Bone on Microcrack Propagation Trajectory", Iranian Journal of Biomedical Engineering, November 2007 Vol. 1, Num. 3, Page 177-188, November 2007,
- 172 Seyed Bashir Samsam Shariat, Mohammad Reza Eslami, "Imperfection -Sensitive Buckling Analysis of Rectangular Functionally Graded Plates", , July 2007 Vol. , Num. 1, Page 0-0, July 2007,
- 173 [en-name N/A], Hamidreza Mohazzab, [en-name N/A], Mohammad Reza Eslami, "Analytical Solution for Three-Dimensional Stresses in a Short Length FGM Hollow Cylinder", , June 2007 Vol. , Num. 6, Page 0-0, June 2007,
- 174 Seyed Bashir Samsam Shariat, Mohammad Reza Eslami, "Buckling of thick functionally graded plates under mechanical and thermal loads", , May 2007 Vol. , Num. 78, Page 0-0, May 2007,
- 175 Farhad Farmanzad, Siamak Najarian, Mohammad Reza Eslami, [en-name N/A], "A Novel Model for Biomechanical Behavior of Human Brain in Epidural Hematoma Injuries", , February 2007 Vol. , Num. 17, Page 0-0, February 2007,
- 176 [en-name N/A], Mohammad Reza Eslami, "Generalized coupled thermoelasticity of functionally graded cylindrical shells", , January 2007 Vol. , Num. 1, Page 0-0, January 2007,
- 177 Ahmad Raesi Najafi, Ahmadreza Arshi, Mohammad Reza Eslami, Shahriar Fariborz, M.H Moeinzadeh, "Micromechanics Fracture in Osteonal Cortical Bone: A Study of the Interactions Between Microcrack Propagation, Microstructure and the Material Properties", , January 2007 Vol. , Num. 40, Page 0-0, January 2007,
- 178 Akbar Bagri, Mohammad Reza Eslami, "A Unified Generalized Thermoelasticity Formulation:Application to Thick Functionally Graded Cylinders", , January 2007 Vol. , Num. 30, Page 0-0, January 2007,
- 179 Farhad Farmanzad, Siamak Najarian, Mohammad Reza Eslami, [en-name N/A], "Determination of an Optimum Elastic Model for Biomechanical Behavior of Brain Tissue", , December 2006 Vol. 0, Num. 62, Page 0-0, December 2006,
- 180 Seyed Bashir Samsam Shariat, Mohammad Reza Eslami, "Thermomechanical Stability of Imperfect Functionally Graded Plates Based on The Third-Order Theory", , December 2006 Vol. , Num. 12, Page 0-0, December 2006,
- 181 Mahmoud Shakeri, Mohammad Reza Eslami, Ali Reza Danesh Mehr, "Dynamic Analysis of Thick Laminated Shell Panel With Piezoelectric Layer Based on Three Dimensional Elasticity Solution", , September 2006 Vol. , Num. 84, Page 0-0, September 2006,
- 182 [en-name N/A], Mohammad Reza Eslami, Reza Naj, "Thermal Instability of Functionally Graded Shallow Spherical Shell", , August 2006 Vol. , Num. 29, Page 0-0, August 2006,
- 183 Ali Reza Heidari, Mohammad Reza Eslami, Ahmadreza Arshi, Erfan Mallakin, "Behavior of cortical bone under loading in micro level; an experimental and FEM study", JOURNAL OF BIOMECHANICS, August 2006 Vol. 39, Num. 1, Page 472-472, August 2006,
- 184 [en-name N/A], [en-name N/A], Mohammad Reza Eslami, "In -Plane and Out-Of-Plane Buckling of Arches Made of FGM", , August 2006 Vol. , Num. 48, Page 0-0, August 2006,
- 185 Ali Reza Heidari, Mohammad Reza Eslami, Ahmadreza Arshi, Erfan Mallakin, "A detailed composite model for micromechanics of cortical bone", JOURNAL OF BIOMECHANICS, August 2006 Vol. 39, Num. 1, Page 471-471, August 2006,
- 186 Seyed Bashir Samsam Shariat, Mohammad Reza Eslami, "Thermal Buckling of Imperfect Functionally Graded Plates", , July 2006 Vol. , Num. 43, Page 0-0, July 2006,

- 187 [en-name N/A], [en-name N/A], Mohammad Reza Eslami, "Axisymmetric Mechanical and Thermal Stresses in Thick Long FGM Cylinders", , July 2006 Vol. , Num. 29, Page 0-0, July 2006,
- 188 Fariborz Heidary, Mohammad Reza Eslami, "Piezo-Control of Forced Vibrations of a Thermoelastic Composite Plate", , July 2006 Vol. , Num. 74, Page 0-0, July 2006,
- 189 [en-name N/A], Mohammad Reza Eslami, "Elastic -Plastic-Creep Analysis of Thick Vessels Based on The Isotropic Harden -ing Theory", , June 2006 Vol. , Num. 1, Page 0-0, June 2006,
- 190 Ahmad Raesi Najafi, Ahmadreza Arshi, Mohammad Reza Eslami, Shahriar Fariborz, [en-name N/A], "Micromechanics Fracture of Hav-Ersian Cortical Bone:An Analytical Approach", , June 2006 Vol. , Num. 1, Page 0-0, June 2006,
- 191 [en-name N/A], Mohammad Reza Eslami, "Cyclic Loading of Thick Vessels Based on The Prager and Armstrong-Frederick Kinematic Hardening Models", , June 2006 Vol. , Num. 83, Page 0-0, June 2006,
- 192 Parisa Hosseini-Tehrani, Mohammad Reza Eslami, [en-name N/A], "Analysis of Thermoelastic Crack Problems Using Green-Lindsay Theory", , April 2006 Vol. , Num. 29, Page 0-0, April 2006,
- 193 Akbar Bagri, Hassan Asadollahi Taheri, Mohammad Reza Eslami, Shahriar Fariborz, "Generalized Coupled Thermoelasticity of a Layer", , April 2006 Vol. , Num. 29, Page 0-0, April 2006,
- 194 Mortaza Bkhshi, Akbar Bagri, Mohammad Reza Eslami, "Coupled Thermoelasticity of Functionally Graded Disk", , February 2006 Vol. , Num. 1, Page 0-0, February 2006,
- 195 [en-name N/A], Mohammad Reza Eslami, "Coupled Thermoelasticity of Functionally Graded Cylindrical Shells", , January 2006 Vol. , Num. 34, Page 0-0, January 2006,
- 196 Ahmad Raesi Najafi, Ahmadreza Arshi, Mohammad Reza Eslami, Shahriar Fariborz, "Haversian Cortical Bone Model With Many Radial Microcracks an Elastic Analytic Solution", , January 2006 Vol. , Num. 29, Page 0-0, January 2006,
- 197 Babak Mirzavand Boroujeni, Mohammad Reza Eslami, "Thermal Buckling of Imperfect Functionally Graded Cylindrical Shells Based on the Wan_ Donnell Model", , January 2006 Vol. , Num. 29, Page 0-0, January 2006,
- 198 Mohammad Reza Eslami, "Effect of Initial Imperfections on Thermal Buckling of Functionally Graded Plates", JOURNAL OF THERMAL STRESSES, December 2005 Vol. 28, Num. 12, Page 0-0, December 2005,
- 199 Hosein Taheri, Shahriar Fariborz, Mohammad Reza Eslami, "Thermoelastic Analysis of An Annulus Using The Green- Naghdi Model", , November 2005 Vol. , Num. 28, Page 0-0, November 2005,
- 200 Babak Mirzavand Boroujeni, Mohammad Reza Eslami, [en-name N/A], "Effect of Imperfections on Thermal Buckling of Functionally Graded Cylindrical Shells", , September 2005 Vol. , Num. 1, Page 0-0, September 2005,
- 201 Babak Mirzavand Boroujeni, Mohammad Reza Eslami, [en-name N/A], "Effect of Imperfections on Thermal Buckling of Functionally Graded Cylindrical Shells", , September 2005 Vol. 0, Num. 9, Page 0-0, September 2005,
- 202 Seyed Bashir Samsam Shariat, [en-name N/A], Mohammad Reza Eslami, "Buckling of imperfect functionally graded plates under in _ plane compressive loading", , July 2005 Vol. , Num. 43, Page 0-0, July 2005,
- 203 Parisa Hosseini-Tehrani, Mohammad Reza Eslami, "stress and temperature distribution at layer interface excited by pulsed laser heating", , May 2005 Vol. , Num. 5, Page 0-0, May 2005,
- 204 Mohammad Reza Eslami, Mohammad Hossein Babaei, Reza Poultangari, "Thermal and Mechanical Stresses in a Functionally Graded Thick Sphere", , April 2005 Vol. , Num. 82, Page 0-0, April 2005,
- 205 Ahmad Raesi Najafi, Ahmadreza Arshi, Mohammad Reza Eslami, Shahriar Fariborz, [en-name N/A], "Microcracks Interaction in Haversian Cortical Bone", , March 2005 Vol. 0, Num. 61, Page 0-0, March 2005,
- 206 Fariborz Heidary, Mohammad Reza Eslami, "Piezoelectric effect on dynamic response of coupled distributed piezothermoelastic composite plate", , March 2005 Vol. , Num. 28, Page 0-0, March 2005,
- 207 [en-name N/A], Mohammad Reza Eslami, "Buckling of functionally graded plates under in _ plane compressive loading based on various plate theories", , March 2005 Vol. , Num. 6, Page 0-0, March 2005,
- 208 Mohammad Reza Eslami, "Thermoelastic Analysis of An Annulus Using The Green- Naghdi Model", , January 2005 Vol. , Num. 28, Page 0-0, January 2005,

- 209 Akbar Bagri, Mohammad Reza Eslami, "Generalized coupled thermoelasticity of disks based on the lord-shulman model", , December 2004 Vol. , Num. , Page 0-0, December 2004,
- 210 [en-name N/A], Mohammad Reza Eslami, "Elastic-plastic -creep cyclic loading of beams based on the isotropic hardening model", , December 2004 Vol. , Num. 5, Page 0-0, December 2004,
- 211 Fariborz Heidary, Mohammad Reza Eslami, "Dynamic analysis of distributed piezothermoelastic composite plate using first _ order shear deformation theory", , December 2004 Vol. , Num. 27, Page 0-0, December 2004,
- 212 Hossein Taheri, Shahriar Fariborz, Mohammad Reza Eslami, "Thermoelasticity solution of a layer using the green-naghdi model", , September 2004 Vol. , Num. 27, Page 0-0, September 2004,
- 213 [en-name N/A], A.R. Gowhari, Mohammad Reza Eslami, "Elastic-plastic-creep cyclic loading of beams using the prager kinematic hardening model", , March 2004 Vol. , Num. , Page 0-0, March 2004,
- 214 [en-name N/A], Mohammad Reza Eslami, "Thermal instability of functionally graded cylindrical shell based on the improved donnell equations", , December 2003 Vol. , Num. , Page 0-0, December 2003,
- 215 Parisa Hosseini-Tehrani, Mohammad Reza Eslami, [en-name N/A], "Generalized thermoelastic analysis of layer interface excited by pulsed laser heating", , October 2003 Vol. , Num. , Page 0-0, October 2003,
- 216 [en-name N/A], Mohammad Reza Eslami, "Functionally graded cylindrical sheel thermal instability based on improved Donnell equations", , September 2003 Vol. , Num. 41, Page 0-0, September 2003,
- 217 [en-name N/A], Mohammad Reza Eslami, "Thermal and mechanical instability of an imperfect shallow spherical cap", , July 2003 Vol. , Num. 26, Page 0-0, July 2003,
- 218 [en-name N/A], Mohammad Reza Eslami, "Thermal and mechanical buckling of imperfect spherical cap", , July 2003 Vol. , Num. 7, Page 0-0, July 2003,
- 219 Behrouz Shiari, Mohammad Reza Eslami, Mahmoud Shakeri, "Thermomechanical shocks in composite cylindrical shells:A coupled thermoelastic finite element analysis", , March 2003 Vol. , Num. 1, Page 0-0, March 2003,
- 220 Mohammad Reza Eslami, [en-name N/A], "Thermal buckling of functionally graded cylindrical shell", , March 2003 Vol. , Num. 3, Page 0-0, March 2003,
- 221 [en-name N/A], Mohammad Reza Eslami, "Load and deformation controlled cyclic loading of thick vessels based on the isotropic hardening model", , March 2003 Vol. , Num. 1, Page 0-0, March 2003,
- 222 Parisa Hosseini-Tehrani, Mohammad Reza Eslami, "Boundary element analysis of finite domains under themal and mechanical shock with the lord-shulman theory", , January 2003 Vol. , Num. 1, Page 0-0, January 2003,
- 223 Mehdi Jabbari, [en-name N/A], Mohammad Reza Eslami, "General solution for mechanical and thermal stresses in a functionally graded hollow cylinder due to ninaxisymmetric steady-state loads", , December 2002 Vol. , Num. , Page 0-0, December 2002,
- 224 Akbar Ali Bigloo, Mahmoud Shakeri, Mohammad Reza Eslami, "Elasticity solution for thick laminated anisotropic cylindrical panels under dynamic loads", , December 2002 Vol. , Num. , Page 0-0, December 2002,
- 225 [en-name N/A], Mohammad Reza Eslami, "Buckling of functionally graded plates under in-plane compressive loading", , December 2002 Vol. , Num. , Page 0-0, December 2002,
- 226 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Analysis of multi-layered shallow panels under dynamic thermal load based on the theory of elasticity", , December 2002 Vol. , Num. , Page 0-0, December 2002,
- 227 [en-name N/A], Mohammad Reza Eslami, "Buckling analysis of circular plates of functionally graded materials under uniform radial compression", , December 2002 Vol. , Num. , Page 0-0, December 2002,
- 228 [en-name N/A], Mohammad Reza Eslami, "Thermoelastic stability of orthotopic circular plates", , October 2002 Vol. , Num. 10, Page 0-0, October 2002,
- 229 Abdoloh Mossavarali, Mohammad Reza Eslami, "Thermoelastic buckling of plates with imperfections based on a higher -order displacement field", , August 2002 Vol. , Num. 8, Page 0-0, August 2002,

- 230 [en-name N/A], Mohammad Reza Eslami, "Thermoelastic stability of circular plates composed of functionally graded materials based on first order theory", , July 2002 Vol. , Num. 7, Page 0-0, July 2002,
- 231 [en-name N/A], Mohammad Reza Eslami, "First -order -theory -based thermoelastic stability of functionally graded material circular plates", , July 2002 Vol. , Num. , Page 0-0, July 2002,
- 232 [en-name N/A], Mohammad Reza Eslami, "Thermal buckling of functionally graded plates based on higher order theory", , July 2002 Vol. , Num. 7, Page 0-0, July 2002,
- 233 Ali Djabbari, [en-name N/A], Mohammad Reza Eslami, "Mechanical and thermal stresses in functionally graded hollow cylinder due to symmetric loads", , July 2002 Vol. , Num. , Page 0-0, July 2002,
- 234 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Three-dimensional elasticity solution of orthotropic cylindrical panels under dynamic loads", , June 2002 Vol. 0, Num. 50, Page 0-0, June 2002,
- 235 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Elasticity solution of multi-Layered shallow cylindrical panels subjected to dynamic loading", , June 2002 Vol. , Num. 3, Page 0-0, June 2002,
- 236 Mohammad Reza Eslami, [en-name N/A], "Cyclic loading of beams based on the prager and grederick -armstrong kinematic hardening models", , May 2002 Vol. , Num. , Page 0-0, May 2002,
- 237 [en-name N/A], Mohammad Reza Eslami, "Load and deformation controlled cyclic loading of beams based on isotropic hardening model", , January 2002 Vol. , Num. , Page 0-0, January 2002,
- 238 [en-name N/A], Mohammad Reza Eslami, "Thermal buckling of functionally graded plates", , January 2002 Vol. , Num. 1, Page 0-0, January 2002,
- 239 Mohammad Reza Eslami, Mohammadreza Ghorbani, Mahmoud Shakeri, "Thermoelastic buckling of thin spherical shells", , December 2001 Vol. , Num. 24, Page 0-0, December 2001,
- 240 Akbar Ali Bigloo, Mahmoud Shakeri, Mohammad Reza Eslami, "Elasticity solution for thick laminated circular cylindrical shallow and non-shallow pannels under dynamic load", , December 2001 Vol. , Num. , Page 0-0, December 2001,
- 241 Parisa Hosseini-Tehrani, Mohammad Reza Eslami, Hamidreza Daghyani, "Dynamic crack analysis under coupled thermoelastic assumption", , July 2001 Vol. , Num. , Page 0-0, July 2001,
- 242 Mohammad Reza Eslami, [en-name N/A], "Cyclic loading of thermal stresses", , June 2001 Vol. , Num. 6, Page 0-0, June 2001,
- 243 Parisa Hosseini-Tehrani, [en-name N/A], [en-name N/A], Mohammad Reza Eslami, "Boundary element formulation for thermal stresses during pulsed laser heating", , May 2001 Vol. , Num. , Page 0-0, May 2001,
- 244 Abdoloh Mossavarali, Mohammad Reza Eslami, "Thermoelastic buckling of orthotropic plates based on higher-order displacement field", , March 2001 Vol. , Num. 2, Page 0-0, March 2001,
- 245 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Dynamic analysis of orthotropic cylindrical panel", , March 2001 Vol. , Num. 1, Page 0-0, March 2001,
- 246 Mohammad Reza Eslami, [en-name N/A], "Thermal bukling of imperfect cylindrical shells", , January 2001 Vol. , Num. 1, Page 0-0, January 2001,
- 247 Mohammad Reza Eslami, [en-name N/A], [en-name N/A], "Thermoelastic buckling of isotropic and orthotropic plates with imperfections", , December 2000 Vol. , Num. 9, Page 0-0, December 2000,
- 248 Mohammad Reza Eslami, Mohammad Shariat, "On thermal dynamic buckling analysis of imperfect laminated cylindrical shells", , December 2000 Vol. , Num. , Page 0-0, December 2000,
- 249 Parisa Hosseini-Tehrani, Mohammad Reza Eslami, "Boundary element analysis of green and lindsay theory under thermal and mechanical shock in a finite domain", , November 2000 Vol. , Num. 8, Page 0-0, November 2000,
- 250 Mohammad Reza Eslami, Hamid Modarress, "A wellbore model for field_scale modeling of asphaltene plugging", , May 2000 Vol. , Num. 26, Page 0-0, May 2000,

- 251 Parisa Hosseini-Tehrani, Mohammad Reza Eslami, "Boundary element analysis of coupled thermoelasticity with relaxation times in finite domain", , March 2000 Vol. , Num. 3, Page 0-0, March 2000,
- 252 Mohammad Reza Eslami, Mohammad Shariat, Mahmoud Shakeri, "Elastic_plastic dynamic bukling analysis of imperfect cylindrical shells", , March 2000 Vol. 0, Num. 42, Page 0-0, March 2000,
- 253 Parisa Hosseini-Tehrani, Mohammad Reza Eslami, "BEM analysis of thermal and mechanical shock in a two_dimensional finite domain considering coupled thermoelasticity", , March 2000 Vol. , Num. , Page 0-0, March 2000,
- 254 Mahmoud Shakeri, Mohammad Reza Eslami, Mohammad Hosein Yas, "Elasticity solution of laminated composite orthotropic shells under blast load", , March 2000 Vol. , Num. , Page 0-0, March 2000,
- 255 Mohammad Reza Eslami, Mohammad Shariat, "Dynamic buckling and post_buckling of imperfect orthotropic cylindrical shells under mechanical and thermal loads based on the three dimensional theory of elasticity", , December 1999 Vol. , Num. , Page 0-0, December 1999,
- 256 Mohammad Reza Eslami, Behrouz Shiari, "Coupled thermoelasticity with special reference to shells", , September 1999 Vol. , Num. 41, Page 0-0, September 1999,
- 257 Mohammad Reza Eslami, [en-name N/A], "Buckling of composite cylindrical shells under mechanical and thermal loads", , August 1999 Vol. , Num. , Page 0-0, August 1999,
- 258 Mohammad Reza Eslami, Mohammad Shariat, "dynamic bukling and post buckling of imperfect lovthotropic cylindrical shells under mechanical and thermal loads bcsed on the three dimensionel theory of elestidy", , June 1999 Vol. , Num. , Page 0-0, June 1999,
- 259 Mohammad Reza Eslami, Mahmoud Shakeri, Abdolreza Ohadi Hamadani, Behrooz Shiary, "Coupled thermoelasticity of shells of revolution : Effect of normal stress and coupling", , April 1999 Vol. , Num. 2, Page 0-0, April 1999,
- 260 Mohammad Reza Eslami, Mahmoud Shakeri, Mohammad Hosein Yas, "Elasticity solution and free vibrations analysis of laminated anisotropic cylindrieal shells", , February 1999 Vol. , Num. 6, Page 0-0, February 1999,
- 261 Mohammad Reza Eslami, Mohammad Shariat, "A high_order theory for dynamic buckling and postbuckling analysis of laminated cylindrical shells", , February 1999 Vol. , Num. 121, Page 0-0, February 1999,
- 262 Mohammad Reza Eslami, Parisa Hosseini-Tehrani, "Two_dimensional time_harmonic dynamic coupled thermoelasticits analysis by boundary element method formulation", , October 1998 Vol. , Num. 2, Page 0-0, October 1998,
- 263 Mohammad Reza Eslami, Mahmoud Shakeri, Mohammad Shariat, "Layer wise theory for dynamic buckling and postbuckling of laminated composite cylindrical shells", , October 1998 Vol. , Num. , Page 0-0, October 1998,
- 264 Mohammad Reza Eslami, Mahmood Shariat Panahi, Mahmoud Shakeri, "A general layer - wise theory for dynamic bucking and post - buckling of laminated composite cylindrical shell", , January 1998 Vol. , Num. 10, Page 0-0, January 1998,
- 265 Mohammad Reza Eslami, Mohammad Shariat, "Elastic plastic and creep buckling of imperfect cylinders under mechanical and thernal loding", , January 1996 Vol. , Num. , Page 0-0, January 1996,
- 266 Mohammad Reza Eslami, Mahmoud Shakeri, Ramin Sedaghati, "Coupled thermoelasticity of an axially symmetric cylindrical shells", , March 1994 Vol. , Num. , Page 0-0, March 1994,
- 267 Mohammad Reza Eslami, Mahmoud Shakeri, Ramin Sedaghati, "Coupled thermoelasticity of an axially symmetric cylindrical shells (vol 17)", , January 1994 Vol. , Num. 17, Page 0-0, January 1994,
- 268 Mohammad Reza Eslami, "Buckling analysis of circular plates of functionally graded materials under uniform radial compression", , Vol. , Num. 44, Page 0-0, ,

Conference Papers

- 1 Marjan Akbari Beni, Mojtaba Sadighi, Mohammad Reza Eslami, "Free Vibration of Functionally Graded Carbon Nanotube Reinforced Composite Lévy Conical Panels ", 27th Annual International conference of Iranian Society of Mechanical Engineering (ISME 2019), April 2019
- 2 M. Rajabpour, H. Babaei, Mohammad Reza Eslami, "Numerical Investigation of Effect of Preheating on Thermal Stresses of Submerged Arc Welding Pipes with FEM ", The 27th Annual International Conference of Iranian Society of Mechanical Engineers-ISME2019 30 April- 2 May, 2019, Tehran, Iran., April 2019
- 3 Vahid Falahi, H.Mahabadi, Mohammad Reza Eslami, "Ratcheting Behavior of Beams under Thermal Cyclic Loading Based on the Chaboche Viscoplastic Model ", 26th Annual International Conference of Iranian Society of Mechanical Engineers, April 2018
- 4 Mahsa Sakha, Masoud Bateni, Mohammad Reza Eslami, "Generalized Coupled Thermo-elasticity of Beams Under a Lateral Thermal Shock ", The 26th Annual International Conference of Iranian Society of Mechanical Engineers-ISME2018, April 2018
- 5 Ayat Jafarzadeh, Afshin Taghvaeipour, Mohammad Reza Eslami, "Thermo-mechanical analysis of FGM hollow cylinders due to radially symmetric loads by superelement method ", Thermal Stresses Cong 2016, June 2016
- 6 Heidary, F., Mohammad Reza Eslami, "Dynamic Coupled Piezothermoelasticity of Pyroelectric Composite Plate ", Thermal Stresses Cong, June 2016
- 7 M.Ejtemajou, M.Mahbadi, Mohammad Reza Eslami, "Thermal and Mechanical Cyclic Loading of Thick Cylindrical Vessels Made of Transversely Isotropic Materials ", Thermal Stresses Cong., June 2016
- 8 Y.Kiani, Mohammad Reza Eslami, "Axisymmetric Geometrically Nonlinear Thermally Induced Vibration of FGM Shallow Conical Cap, ", Thermal Stresses Cong, June 2016
- 9 Masoud Bateni, Mohammad Reza Eslami, "EFFECT OF TEMPERATURE GRADIENT ON THE MECHANICAL BUCKLING RESISTANCE OF FGM SHALLOW ARCHES ", Proceedings of Proceedings of the ASME 2014 12th Biennial Conference on Engineering Systems Design and Analysis ESDA2014, June 2015
- 10 Yasser Kiani Harchegani, Mohammad Reza Eslami, "LARGE AMPLITUDE THERMALLY INDUCED VIBRATION OF CIRCULAR FGM PLATE ", Proceedings of the ASME 2014 12th Biennial Conference on Engineering Systems Design and Analysis ESDA2014, June 2014
- 11 Mohammad Reza Eslami, Yasser Kiani Harchegani, "Thermo-Mechanical Stability of Piezo-Functionally Graded Structures, ", 21th Annual International Conference on Mechanical Engineering-ISME2013, May 2013
- 12 Seyedeh Elaheh Ghiasian, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Prediction of Dynamic Buckling Loads of Suddenly Heated Imperfect FGM Beam Resting on Softening Elastic Medium ", 10th International Congress on Thermal Stresses 2013, May 2013
- 13 Yasser Kiani Harchegani, Mohammad Reza Eslami, "Optimum Location of Intermediate Ring Support in Thermal Buckling Analysis of Annular FGM Plates ", 10th International Congress on Thermal Stresses 2013, May 2013
- 14 , Mohammad Reza Eslami, "Thermally Induced Buckling Of Temperature -dependent Annular FGM Plates ", 20th Annual International Conference on Mechanical Engineering-ISME2012, May 2012
- 15 Mohammad Reza Eslami, "Second Sound and Functionally Graded Materials ", 20th Annual International Conference on Mechanical Engineering-ISME2012, May 2012
- 16 Mohammad Reza Eslami,, "Thermal Buckling of Functionally Graded Truncated Conical Shells ", 20th Annual Conference on Mechanical Engineering-ISME2012, May 2012
- 17 Yasser Kiani Harchegani, Mohammad Reza Eslami, "Thermally Induced Buckling of Temperature- Dependent Annular FGM Plates ", 20th Annual International Conference on Mechanical Engineering-ISME2012, May 2012
- 18 Mohammad Reza Eslami, "Generalized Thermoelasticity ", International Symposium on Advances in Applied Mechanics and Modern Information Technology, September 2011
- 19 Elaheh Bagherizadeh, Yasser Kiani Harchegani, Mohammad Reza Eslami, "Thermally Induced Buckling of FGM Cylindrical Shells on Elastic Foundation ", 9th ICTS 2011 International Congress on Thermal Stresses, June 2011

- 20 M H Mahbadi, Ali Shojaei, Mohammad Reza Eslami, "Thermal Cyclic Loading of Beams based on the Chaboche Kinematic hardening model ", 9th ICTS 2011 International Congress on Thermal Stresses, June 2011
- 21 Arash Zamani, Richard Hetnarski, Mohammad Reza Eslami, "Thermal interface by Polytope FEM ", 9th International Congress on THERMAL STRESSES 2011, June 2011
- 22 Arash Farrokhi, Mohammad Reza Eslami, "Classical coupled thermoelasticity of a layer with XFEM ", 9th ICTS 2011 International Congress on Thermal Stresses, June 2011
- 23 Ali Safari-Kahnaki, Mohammad Mohammadi Aghdam, Mohammad Reza Eslami, "Thermal stress wave propagation study of functionally graded thick hollow cylinder ", 11th International Conference Computational and Mathematical Methods in Science and Engineering, June 2011
- 24 Arash Zamani, Mohammad Reza Eslami, "Generalized thermoelasticity of a cracked Layer ", 19th Annual Conference on Mechanical Engineering-ISME2011, May 2011
- 25 Yasser Kiani Harchegani, Elaheh Bagherizadeh, Mohammad Reza Eslami, "Buckling of Functionally Graded Rectangular Plates Resting on Two-parameters Elastic Foundation ", 19th Annual Conference on Mechanical Engineering-ISME2011, May 2011
- 26 Arezou Doroushi, Mohammad Reza Eslami, "Free Vibration Analysis of a Functionally Graded Piezoelectric Beam Based on Higher-Order Beam Theory Using the Finite Fourier Transformation Method ", The 2nd International Conference on Composites: Characterization, Fabrication and Application CCFA-2, December 2010
- 27 , Elaheh Bagherizadeh, Mohammad Reza Eslami, "Buckling of Piezoelectric Functionally Graded Material Beams ", The 2nd International Conference on Composites: Characterization, Fabrication and Application CCFA-2, December 2010
- 28 Elaheh Bagherizadeh, , Mohammad Reza Eslami, Mojtaba Sadighi, "Elastic Buckling of FGM Cylindrical Shell Surrounded by an Elastic Foundation ", The 2nd International Conference on Composites: Characterization, Fabrication and Application CCFA-2, December 2010
- 29 Yaghoob Dabiri, Siamak Najarian, Mohammad Reza Eslami, Saeed Zahedi, H.Farah Por, R.Moradi Haghghat, "Comparison of passive and active prosthetic knee joint kinematics during swing phase of gait ", هفدهمین کنفرانس سالانه مهندسی پزشکی ایران, November 2010
- 30 Seyed Kasra Hosseini Zad, Amin Komeili, Abdol Hamid Akbarzadeh Shafaroudi, Mohammad Reza Eslami, "Numerical Simulation of Elastic and Thermoelastic Wave Propagation in Two-Dimensional Classical and Generalized Coupled Thermoelasticity ", 10th Biennial Conference on Engineering System Design and Analysis ESDA2010, July 2010
- 31 Amin Komeili, Abdol Hamid Akbarzadeh Shafaroudi, Seyed Kasra Hosseini Zad, Mohammad Reza Eslami, "Thermally Induced Vibration of FGM Plates Based on First-Order Shear Deformation Theory ", ASME 2010 10th Biennial Conference on Engineering Systems Design and Analysis ESDA2010, July 2010
- 32 Seyed Kasra Hosseini Zad, Amin Komeili, Abdol Hamid Akbarzadeh Shafaroudi, Mohammad Reza Eslami, "Numerical Simulation of Elastic and Thermoelastic Wave Propagation in Two-Dimensional Classical and Generalized Coupled Thermoelasticity ", ASME 2010 10th Biennial Conference on Engineering systems Design and Analysis ESDA2010, July 2010
- 33 Arezou Doroushi, Abdol Hamid Akbarzadeh Shafaroudi, Mohammad Reza Eslami, "Dynamic Analysis of Functionally Graded Piezoelectric Material Beam using the Hybrid Fourier-Laplace Transform Method ", ASME 2010 10th biennial Conference on Engineering Systems Design and Analysis ESDA2010, July 2010
- 34 Seyed Kasra Hosseini Zad, Mohammad Reza Eslami, "Classical and Generalized Coupled Thermoelasticity of a Layer ", ASME 2010 10th Biennial Conference on Engineering Systems Design and Analysis ESDA2010, July 2010
- 35 Seyed Kasra Hosseini Zad, Amin Komeili, Abdol Hamid Akbarzadeh Shafaroudi, Mohammad Reza Eslami, "Finite Element Analysis of one-Dimensional Classical Coupled Thermoelasticity of a Layered Slab, ", 18th Annual International Conference on Mechanical Engineering-ISME2010, May 2010
- 36 Abdol Hamid Akbarzadeh Shafaroudi, Mohammad Reza Eslami, Amin Komeili, Mostafa Abbasi, "Coupled Thermoelasticity of Functionally Graded Plates Based on the First-Order Shear Deformation Theory ", ISME Annual Conf., May 2010

- 37 Seyed Kasra Hosseini Zad, Amin Komeili, Abdol Hamid Akbarzadeh Shafaroudi, Mohammad Reza Eslami, "Finite Element Analysis of One-dimensional Classical Coupled Thermoelasticity of a Layered Slab ", 18th Annual International Conference on Mechanical Engineering ISME2010, May 2010
- 38 Abdol Hamid Akbarzadeh Shafaroudi, Amin Komeili, Mostafa Abbasi, Mohammad Reza Eslami, "Coupled Thermoelasticity of Functionally Graded Plates Based on the First-Order Shear Deformation Theory ", 18th Annual International Conference on Mechanical Engineering ISME2010, May 2010
- 39 Amin Komeili, Seyed Kasra Hosseini Zad, Arash Zamani, Mohammad Reza Eslami, "Classical and Generalized Coupled Thermoelasticity in Functionally Graded Layers ", 18th Annual International Conference on Mechanical Engineering ISME2010, May 2010
- 40 Arash Zamani, Mohammad Reza Eslami, "Convergent direct SIFs by improving the extended finite element method ", ECCM 2010, IV European Conference on Computational Mechanics, May 2010
- 41 Abdol Hamid Akbarzadeh Shafaroudi, Amin Komeili, Seyed.Ali Sadough Vanini, Mohammad Reza Eslami, "VIBRATION CHARACTERISTICS OF SHAPE MEMORY ALLOY COMPOSITE PLATES ", ICCS15 15th International Conference on Composite Structures Faculdade de Engenharia da Universidade do Porto, March 2010
- 42 Abdol Hamid Akbarzadeh Shafaroudi, Amin Komeili, , Seyed.Ali Sadough Vanini, Mohammad Reza Eslami, "Vibration Analysis of Functionally Graded Plate under Dynamic Mechanical Loading ", CIMSC 09 1st International Conference on Composite Materials and structures, November 2009
- 43 [en-name N/A], Mohammad Reza Eslami, "Cyclic loading of cylindrical vessels based on the chaboche kinematic hardening model ", , September 2009
- 44 Seyede Samane Shojaie Langari, [en-name N/A], Mohammad Reza Eslami, "Thermal cyclic loading of beams based on the chaboche kinematic hardening model ", , September 2009
- 45 Arash Zamani, Mohammad Reza Eslami, "A study of crack tip enrichment in steady state thermoelasticity ", , September 2009
- 46 Amin Komeili, Ahad Armin, Mojtaba Sadighi, Mohammad Reza Eslami, "Static analysis of functionally graded piezoelectric beams under mechanical and electromechanical loads ", , June 2009
- 47 Arash Zamani, Richard Hetnarski, Mohammad Reza Eslami, "Second sound in a cracked layer based on Lord-Shulman theory ", 8th International Congress on THERMAL STRESSES 2009, June 2009
- 48 Seyed Kasra Hosseini Zad, Amin Komeili, Seyed.Ali Sadough Vanini, Mohammad Reza Eslami, "Vibration Characteristics of Shape Memory Alloy Composite Plates ", 15th International Conference on Composites Structures ICCS15, June 2009
- 49 Abdol Hamid Akbarzadeh Shafaroudi, Seyed Kasra Hosseini Zad, Mojtaba Sadighi, Mohammad Reza Eslami, "Analytical Solution of Functionally Graded Rectangular Plates under Mechanical Loading ", 15th International Conference on Composite Structures ICCS15, June 2009
- 50 H. Mahbadi, Mohammad Reza Eslami, "Influence of Creep on Cyclic Loading Behavior of Thick Spherical Vessels ", Advance Problems of Mechanics, Russian Academy of Sciences, June 2009
- 51 Amin Komeili, Ahad Armin, Mohammad Reza Eslami, "Analysis and finite element solutions for bending of functionally graded piezoelectric beams ", , May 2009
- 52 Babak Mirzavand Boroujeni, Mohammad Reza Eslami, "A closed form solution for thermal buckling of piezoelectric FGM hybrid Cylindrical Shells ", , January 2009
- 53 Ahmad Akbari, Akbar Bagri, Mohammad Reza Eslami, Mohsen Tajdari, "Two-dimensional Thermoelasticity of Thin and Moderately Thick Functionally Graded Beams by using the Meshless Local Petrov-Galerkin Method ", 7th International Conference on Composite Science and Technology, January 2009
- 54 Mostafa Abbasi, Ahad Armin, Bashir Behjat Khajeh, Mohammad Reza Eslami, "Static Analysis of Functionally Graded Piezoelectric Beams Based on Higher-Order Shear Deformation Theory under Thermal Loads ", 7th International Conference on Composite Science and Technology, January 2009
- 55 Masoud Abbasi, Mahnaz Sabaghian, Mohammad Reza Eslami, "Coupled thermoelastic vibrations analysis of functionally graded timoshenko beams the galerkin finite element method ", , November 2008

- 56 Ahad Armin, Mostafa Abbasi, Mohammad Reza Eslami, "Static Analysis of Functionally Graded Piezoelectric Beams under Thermal Loads by the Homotopy Perturbation Method ", , July 2008
- 57 Arash Afshar, Mostafa Abbasi, Mohammad Reza Eslami, "Coupled thermoelastic vibration analysis of beams based on third order shear deformation theory ", , July 2008
- 58 Mohammad Reza Eslami, "Coupled thermoelasticity of FG pressure vessels effect of temperature field across thickness ", , June 2008
- 59 Mostafa Abbasi, Akbar Bagri, Mohammad Reza Eslami, "Coupled thermoelasticity of beams based on the first-order shear deformation theory ", , June 2007
- 60 Ali Yeilaghi Tamijani, Abdolreza Ohadi Hamadani, Mohammad Reza Eslami, "Thermal vibration analysis of functionally graded plates with piezoelectric sensors and actuators ", , June 2007
- 61 Ali Bahtui, Reza Poultangari, Mohammad Reza Eslami, "Thermal and Mechanical Stresses in Thick Spheres with an Extended FGM Model ", Proceedings of the Seventh International Congress on Thermal Stresses, TS2007, June 2007
- 62 Akbar Bagri, Mohammad Reza Eslami, "A unified generalized thermoelasticity formulation, application to thick functionally graded cylinders ", , June 2007
- 63 Ataollah Mesgarnejad, Mohammad Reza Eslami, "Constitutive relation for high temperature plasticity ", , June 2007
- 64 Mohammad Reza Eslami, Ahmad Akbari, Akbar Bagri, Mohsen Tajdari, "Analysis of Thermal Stresses in Two-Dimensional Functionally Graded Domain Using the Meshless Local Petrov-Galerkin method ", Proceedings of the Seventh International Congress on Thermal Stresses, June 2007
- 65 A. H. Mohazzab, M. Jabbari, S. Sohrabpour, Mohammad Reza Eslami, "Analytical Solution for Two-Dimensional Stresses in Hollow FGM Cylinders with Heat Source ", Proceedings of the Seventh International Congress on Thermal Stresses, TS2007, June 2007
- 66 Ahad Armin, Mostafa Abbasi, Mohammad Reza Eslami, "Static analysis of simply supported functionally graded piezoelectric beams under thermal loads ", , May 2007
- 67 Ali Yeilaghi Tamijani, Abdolreza Ohadi Hamadani, Mohammad Reza Eslami, "Finite element modeling of functionally graded beams with integrated piezoelectric layers for vibration control ", , May 2007
- 68 Babak Mirzavand Boroujeni, Mohammad Reza Eslami, "Thermal stress analysis of functionally graded beams ", , May 2007
- 69 Mostafa Abbasi, Arash Afshar, Mohammad Reza Eslami, "An analytical solution for coupled thermoelasticity of beams based on higher order shear deformation theory ", , May 2007
- 70 A. Raeisi Najafi, Ahmadreza Arshi, Mohammad Reza Eslami, Hamid Reza Katouzian, Saeed Maleknia, "Propagation of Microcracks in Osteonal Cortical Bone ", 15th Annual (International) Conference on Mechanical Engineering ISME2007, May 2007
- 71 Ali Abbaszadeh , Seyed.Ali Sadough Vanini, Mohammad Reza Eslami, "Active control of piezo-FGM beams ", , November 2006
- 72 Ali Yeilaghi Tamijani, [en-name N/A], Abdolreza Ohadi Hamadani, Seyed.Ali Sadough Vanini, Mohammad Reza Eslami, "Analytical vibration analysis of Functionally Graded material beams with bonded piezoelectric sensors and actuators ", , August 2006
- 73 Ali Yeilaghi Tamijani, Reza Mirzaeifar, Abdolreza Ohadi Hamadani, Mohammad Reza Eslami, "Vibration Control of FGM Plate with Piezoelectric Sensors and Actuators using Higher Order Shear Deformation Theory ", 8th Biennial ASME Conference on Engineering Systems Design and Analysis, July 2006
- 74 Ali Yeilaghi Tamijani, Reza Mirzaeifar, Abdolreza Ohadi Hamadani, Mohammad Reza Eslami, "Vibration control of FGM plate with piezoelectric sensors and actuators using higher order shear deformation theory ", , July 2006
- 75 Mohammad Reza Eslami, "Cyclic Loading of Thick Pressure Vessels ", 17th International Conference on Pressure Vessel Technology - ICPVT 2006, July 2006

- 76 Ali Yeilaghi Tamijani, Reza Mirzaeifar, Abdolreza Ohadi Hamadani, Mohammad Reza Eslami, "Active Control of FGM Plates Using Piezoelectric Sensor/Actuator Patches ", , May 2006
- 77 Mohammad Reza Eslami, "coupled thermoelasticity of thin cylindrical shells made of functionally graded materials ", , May 2005
- 78 Mohammad Reza Eslami, "effect of imperfections on buckling of functionally graded cylindrical shells under axial compression ", , March 2005
- 79 Mohammad Reza Eslami, "effect of imperfections on buckling of functionally graded cylindrical shells under axial compression ", , March 2005
- 80 Mohammad Reza Eslami, Seyed Bashir Samsam Shariat, "Buckling of Functionally Graded Plates under In_plane Compressive Loads Based on the First _ Order Plate Theory ", , February 2005
- 81 Fariborz Heidary, Mohammad Reza Eslami, "Dynamic Behavior of Distributed Composite Plate under Heat Loading ", , February 2005
- 82 Mohammad Reza Eslami, Akbar Bagri, "Analysis of Machining Tools Made of Functionally Graded Materials ", , February 2005
- 83 Mohammad Reza Eslami, [en-name N/A], "Buckling of Functionally Graded Plates ", , December 2004
- 84 [en-name N/A], Mohammad Reza Eslami, "A Numerical Method for Cyclic Loading Analysis of Beams ", , November 2004
- 85 Mohammad Reza Eslami, Akbar Bagri, "Higher Order Elements for the Analysis of the Generalized Thermoelasticity of Disk Based on the Lord shulman Model ", , November 2004
- 86 Mahmoud Shakeri, Mohammad Reza Eslami, Ali Reza Danesh Mehr, "Elasticity Solution of Thick Laminated Shell panel with piezoelectric Layer under Dynamic Loading ", , September 2004
- 87 [en-name N/A], Mohammad Reza Eslami, "Residual Stress Analysis of Thick walled Cylindrical Vessels ", , September 2004
- 88 Mahmoud Shakeri, Mohammad Reza Eslami, Ali Reza Danesh Mehr, "Elasticity solution of thick laminated cylindrical panel with piezoelectric layer under dynamic loading ", , September 2004
- 89 Fariborz Heidary, Mohammad Reza Eslami, "Dynamic Behavior of Distributed Piezoelectric Composite Plate Under Heat Loading Proc ", , September 2004
- 90 Farzad Heidari Bateni, Mohammad Reza Eslami, "Dynamic behavior of distributed piezoelectric composite plate under heat loading ", , September 2004
- 91 [en-name N/A], Mohammad Reza Eslami, "Buckling of Functionally Graded Plates under In _ Plane Compressive Loading Based on Various plate Theories ", , May 2004
- 92 Mohammad Reza Eslami, [en-name N/A], "Residual Stresses Caused by Thermal Loading of Thick Walled spherical Vessels ", , May 2004
- 93 [en-name N/A], Mohammad Reza Eslami, "Residual stresses caused by thermal loading of thick walled spherical vessels ", , January 2004
- 94 [en-name N/A], Mohammad Reza Eslami, "Buckling of functionally graded plates under in-plane compressive loading based on various plate theories ", , January 2004
- 95 Fariborz Heidary, Mohammad Reza Eslami, "Dynamic analysis of coupled plezothermoel astic composite plate using first _ order shear deformation theory ", , August 2003
- 96 [en-name N/A], Mohammad Reza Eslami, "Elastic - plastic _ creep cyclic loading of thick pressure vessels based on the frederick _ armstrong kinematic hardening model ", , August 2003
- 97 [en-name N/A], Mohammad Reza Eslami, "Load and deformation controlled cyclic loading of thick vessels ", , July 2003

- 98 [en-name N/A], Mohammad Reza Eslami, "Axisymmetric mechanical buckling of functionally graded cylindrical shell based on timoshenko technique " , , July 2003
- 99 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Dynamic analysis of multilayered anisotropic cylindrical panels under thermal load " , , June 2003
- 100 Maryam Aghaebrahimi, Mohammad Reza Eslami, "Static and dynamic analysis of thermoiezolectric euler-bernoulli beams " , , January 2003
- 101 [en-name N/A], Mohammad Reza Eslami, "Static analysis of euler-bernoulli beams with piezoelectric layer for the lateral deflection control " , , January 2003
- 102 Akbar Bagri, Mohammad Reza Eslami, "Generalized thermoelasticity of layers " , , January 2003
- 103 Mohammad Reza Eslami, "Transfinite element analysis of two-dimensional thermo elasticity based on green-lindsay model " , , July 2002
- 104 M.H Mahbadi, Mohammad Reza Eslami, "Bree diagram for cyclic loading of beams based on the chaboche kinematic hardening model " , , July 2002
- 105 [en-name N/A], Mohammad Reza Eslami, "Thermal instability of rings made of functionally graded materials " , , July 2002
- 106 Raza Mohamady, Mohammad Reza Eslami, "Coupled thermoelasticity of laminated composite plates " , , July 2002
- 107 [en-name N/A], Abbass Zakerzdh, Mohammad Reza Eslami, "Thermoelastic stability of isotropic homogeneous circular plates " , , January 2002
- 108 Hosein Taheri, Shahriar Fariborz, Mohammad Reza Eslami, "Solution of generalized coupled thermoelasticity of a layer based on green-naghdi model " , , January 2002
- 109 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Dynamic analysis of multilayered anisotropic shallow cylindrical panel under thermal load " , , December 2001
- 110 Parisa Hosseini-Tehrani, [en-name N/A], [en-name N/A], Mohammad Reza Eslami, "Thermal Stresses due to laser pluse considering lord and shulman model " , , June 2001
- 111 [en-name N/A], Mohammad Reza Eslami, "Thermal buckling of imperfect spherical shells " , , June 2001
- 112 Mohammad Reza Eslami, [en-name N/A], "Load and deformation controlled cyclic loadings " , , June 2001
- 113 [en-name N/A], Mohammad Reza Eslami, "Buckling of functionally graded platers under uniform temperature difference " , , June 2001
- 114 Parisa Hosseini-Tehrani, [en-name N/A], Mohammad Reza Eslami, "Boundary element analysis of lord and shulman theory due to a laser pulse train heating " , , June 2001
- 115 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Elasticity for taica lominated circyl shallow and non-shallow panels under dy-load " , , June 2001
- 116 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Elasticity solution for thick laminated circular cylindrical shallow and non-shallow panels under dynamic load " , , June 2001
- 117 Reza Javaheri, Mohammad Reza Eslami, "Determination of equilibrium and stability equations for functionally graded plates based on higher - order theory " , , January 2001
- 118 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Elasticity solution for thick laminated shallow circular cylindrical panels under dynamic path load " , , August 2000
- 119 [en-name N/A], Mohammad Reza Eslami, [en-name N/A], Ahmad Reza Nagafi, "Numerical stress analysis of external fixators used on tibia-rigidity versus design parameters " , , August 2000
- 120 Parviz Hoseini Tehrani, Mohammad Reza Eslami, Hamidreza Daghyani, "Fracture evaluation of cracked bodies under thermal shock " , , July 2000

- 121 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Dynamic analysis of multi - layered anisotropic shallow cylindrical panels " , , June 2000
- 122 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Dynamic analysis of multilayer anisotropic shallow cylindrical panels " , , June 2000
- 123 Mahmoud Shakeri, Mohammad Reza Eslami, Mohammad Hosein Yas, Akbar Ali Bigloo, Mohammad Barzegari, "A galerkin finite element dynamic analysis of multilayer composite cylindrical shells " , , June 2000
- 124 Mohammad Reza Eslami, Abdoloh Mossavarali, [en-name N/A], "Thermoelastic bukling of isotropic and orthotropic plates " , , January 2000
- 125 Mohammad Reza Eslami, [en-name N/A], "Thermoelastic buckling of composite conical shells " , , January 2000
- 126 Ahmad Raesi Najafi, Mohammad Reza Eslami, [en-name N/A], "Relative rigidity of external fixator during claus developement " , , January 2000
- 127 [en-name N/A], Mohammad Reza Eslami, [en-name N/A], "Cyclic loading analysis of structures of strain hardening material " , , January 2000
- 128 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "Elasticity solution for thick laminated circular cylindrical panels under dynamic patch load " , , August 1999
- 129 Parisa Hosseini-Tehrani, Mohammad Reza Eslami, "Propagation at thermoelastic waves in couted vessels " , , June 1999
- 130 Parisa Hosseini-Tehrani, Mohammad Reza Eslami, "Thermal stresses Due to laser pulse coupled solution " , , June 1999
- 131 Mohammad Reza Eslami, Parisa Hosseini-Tehrani, "Two dimensional time harmonic dynamic thermoelasticity analysis by BEM for mulation " , , July 1998
- 132 Mahmoud Shakeri, Mohammad Reza Eslami, Akbar Ali Bigloo, "dynamic analysis of thick laminated anisotropic cylindrical panel " , , June 1998
- 133 Mohammad Reza Eslami, Mahmoud Shakeri, Behrouz Shiari, "Coupled thermoelasticity of composite sphoried shells " , , August 1997
- 134 Ebrahim Damangir, Mohammad Reza Eslami, Majid Saffar-Avval, Vala Mehdinejad, Mehran Marivani, "Numerical solution of pulsatile blood flow in a bifurcation with elastic walls " , , July 1996
- 135 Mohammad Reza Eslami, Mahmoud Shakeri, Abdolreza Ohadi Hamadani, "Coupled Thermoelasticity of Shells " , , June 1995
- 136 Mohammad Reza Eslami, "Coupled thermoelasticity of shells " , , January 1995
- 137 Mohammad Reza Eslami, Mahmoud Shakeri, Abdolreza Ohadi Hamadani, "Galerkin Finite Element Analysis of Shells of Revolution Under Blast LOADS " , , July 1994
- 138 Ebrahim Damangir, Majid Saffar-Avval, Mohammad Reza Eslami, Amir Abbas Sorousheh, "Finite element formulation of artery of blood in bifurcation of femoral artery to predict atherosclerosis plaque formation " , , July 1994
- 139 Mahmoud Shakeri, Mohammad Reza Eslami, Abdolreza Ohadi Hamadani, "Consideration of Normal Stress in Shell Equations Under Shock Loads " , , July 1994
- 140 Mohammad Reza Eslami, "Galerkin finite element analysis of shells of revolution under blast loads " , , January 1994
- 141 Mohammad Reza Eslami, Mahmoud Shakeri, Behrooz Shiary, "coupled thermoelasticity of composite laminated cylindrical shells " , Engineering Systems Design and Analysis ASME-ESDA96, August 1993
- 142 Mahmoud Shakeri, Mohammad Reza Eslami, Abdolreza Ohadi Hamadani, "Cylindrical Shell Under Impact Load including Transverse Shear and Normal Stress " , , January 1993

- 143 Mahmoud Shakeri, Mohammad Reza Eslami, Abdolreza Ohadi Hamadani, "Analysis of Cylindrical Shells Under Dynamics Loading, Including the Shear Effect " , , January 1993
- 144 Mohammad Reza Eslami, "Galerking finite element formulation of spherical shells under nonaxisy metric Loading " , , March 1990
- 145 Mohammad Reza Eslami, "Static and dynamic finite element solution of plate and shell of revalution on elastic foundation. " , , March 1990
- 146 Mohammad Reza Eslami, "An Algorithm for the Slip Line field of a strained hardenced material. " , , March 1990
- 147 Mohammad Reza Eslami, "Feedback control for a piezo- laminate composite plate " , ,