

	<p>پرویز ملک زاده استاد- مهندسی مکانیک</p>
	<p>دانشگاه خلیج فارس- بوشهر دانشکده مهندسی- گروه مهندسی مکانیک</p>
	<p>تلفن: 077-31222166 تلفن همراه: 09173871061 پست های الکترونیکی: malekzadeh@pgu.ac.ir; p_malekz@yahoo.com</p>

سوابق آموزشی			
محل تحصیل	رشته تحصیلی	سال اخذ مدرک	مدرک تحصیلی
دانشگاه شیراز	مهندسی مکانیک- جامدات	1371	کارشناسی
دانشگاه شیراز	مهندسی مکانیک- طراحی کاربردی	1374	کارشناسی ارشد
دانشگاه شیراز	مهندسی مکانیک- طراحی کاربردی	1382	دکتری

سوابق حرفه ای		
محل خدمت	مدت	مرتبه
دانشگاه خلیج فارس- بوشهر	1390-1382	استادیار
دانشگاه خلیج فارس- بوشهر	1390/03/14-94/08/10	دانشیار
دانشگاه خلیج فارس- بوشهر	1394/08/11	استاد

علاقه مندی های پژوهشی
<ul style="list-style-type: none"> • ارتعاشات غیر خطی • کمانش ورق ها و پوسته ها • کاربرد روش های عددی نظیر اجزاء محدود و دیفرانسیل کوادریچر در مکانیک • مکانیک مواد مرکب و مواد هدفمند مدرج • مکانیک نانو مواد

سوابق تدریس	
دروس کارشناسی	کارشناسی ارشد
<ul style="list-style-type: none"> • استاتیک • مقاومت مصالح یک و دو • دینامیک • ارتعاشات مکانیکی • ریاضی مهندسی • دینامیک ماشین • طراحی اجزاء یک 	<ul style="list-style-type: none"> • ریاضیات عالی مهندسی • مکانیک محیط های پیوسته • ارتعاشات پیشرفته • تئوری صفحات و پوسته ها • روش اجزاء محدود • تئوری الاستیسیته • مواد مرکب
<ul style="list-style-type: none"> • سه دوره استاد برتر آموزشی در دانشگاه خلیج فارس 	

تعداد پایان نامه های دفاع شده کارشناسی ارشد به عنوان استاد راهنما (39 عدد)	
مهندسی عمران (11 عدد)	مهندسی مکانیک (28 عدد)

تعداد پایان نامه های دفاع شده دکترا به عنوان استاد راهنما، مشاور و ممتحن				
رشته	دانشگاه	راهنما	مشاور	ممتحن
مهندسی عمران	شیراز	-	3	1
مهندسی عمران	علم و صنعت	-	2	-
مهندسی مکانیک	شیراز	1	2	5
مهندسی مکانیک	صنعتی	-	1	-
مهندسی مکانیک	علم و صنعت	-	-	1
مهندسی شیمی	خلیج فارس	-	1	-

سوابق اجرایی
1. مدیر گروه مهندسی مکانیک دانشگاه خلیج فارس

فارس

2. معاون آموزشی دانشکده مهندسی دانشگاه خلیج فارس

3. مدیر امور پژوهشی دانشگاه خلیج فارس

4. رئیس کمیسیون تخصصی گروه فنی و مهندسی هیات ممیزه دانشگاه خلیج فارس

5. عضو هیات ممیزه دانشگاه خلیج فارس

سوابق پژوهشی

1. مجری شش طرح پژوهشی دانشگاهی خاتمه یافته،

2. هشت سال پژوهشگر برتر دانشکده مهندسی، سه سال پژوهشگر برتر دانشگاه خلیج فارس و چهار سال پژوهشگر برتر استان بوشهر،

3. عضو هیئت تحریریه چهارمجله علمی داخلی و خارجی،

4. دارای h اندیکس 37 در Scopus (h-index in Scopus).

5. جزو یک در صد برتر دانشمندان و نخبگان علمی جهان در سال های 2014، 2015 و 2016 بر اساس گزارش پایگاه استنادی علوم جهان اسلام (ISC)

مقالات چاپ شده در مجلات علمی معتبر نمایه شده در ISI

[1] Setoodeh, A.R., Shojaee, M., Malekzadeh, P., Application of transformed differential quadrature to free vibration analysis of FG-CNTRC quadrilateral spherical panel with piezoelectric layers. Computer Methods in Applied Mechanics and Engineering 2018; <https://doi.org/10.1016/j.cma.2018.02.022>.

[2] Rahideh, H., Mofarahi, M., Malekzadeh, P. Application of inverse method to predict the

breakthrough curve in fixed-bed adsorption. *Inverse Problems in Science & Engineering*, 2018;26:581-600.

- [3] Malekzadeh, P., Shojaei, M. A unified formulation for free vibration of functionally graded plates. *Science and Engineering of Composite Materials* 2018;25:109-122.
- [4] Shojaei, M., Setoodeh A.R., Malekzadeh, P., Vibration of functionally graded CNTs reinforced skewed cylindrical panels using a transformed differential quadrature method. *Acta Mechanica* 2017;228(7):2691–2711.
- [5] Ghorbani Shenaa, A., Malekzadeh, P., Ziaee, S., Nonlinear vibration analysis of pre-twisted functionally graded microbeams in thermal environment. *Thin-Walled Structures*, 2017;118:87-104.
- [6] Ghorbani Shenaa, A., Malekzadeh, P., Ziaee, S., Thermal buckling of rotating pre-twisted functionally graded microbeams with temperature-dependent material properties. *Acta Mechanica* 2017;228:1115-1133.
- [7] Ghorbani Shenaa, A., Malekzadeh, P., Thermal environmental effects on free vibration of functionally graded isosceles triangular microplates. *Mechanics of Advanced Materials and Structures* 2017;24:885-907.
- [8] Keshavarz, A., Malekzadeh, P., Hosseini, A., Time domain dynamic analysis of floating piles under impact loads. *ASCE's International Journal of Geomechanics* 2017; 17(2): 04016051.
- [9] Ghorbani Shenaa, Malekzadeh, P.,A., Ziaee, S., Thermoelastic buckling analysis of pre-twisted functionally graded beams with temperature-dependent material properties. Thermoelastic buckling analysis of pre-twisted functionally graded beams with temperature-dependent material properties. *Acta Astronautica* 2017;133:1-13.

- [10] Ghorbani Shenaa, Malekzadeh, P.,A., Ziaee, S., Vibration analysis of pre-twisted functionally graded carbon nanotube reinforced composite beams in thermal environment. *Composite Structures* 2017;162:325-340.
- [11] Jooybar N, Malekzadeh P, Fiouz AR. Vibration of functionally graded carbon nanotubes reinforced composite truncated conical panels with elastically restrained against rotation edges in thermal environment. *Composites Part B: Engineering*, 2016;106:242-261.
- [12] Ghorbani Shenaa, A., Ziaee, S., Malekzadeh, P., Vibrational behavior of rotating pre-twisted functionally graded microbeams in thermal environment. *Composite Structures* 2016;157:222-235.
- [13] Ghorbani Shenaa, A., Malekzadeh, P., Mohebpour, S.R., Vibrational behavior of variable section functionally graded microbeams carrying microparticles in thermal environment. *Thin-Walled Structures* 2016; 108:122-137.
- [14] Rahideh, H., Mofarahi, M., Malekzadeh, P. An inverse method to estimate adsorption kinetics of light hydrocarbons on activated carbon. *Computers & Chemical Engineering* 2016; 93:197-211.
- [15] Ghorbani Shenaa, A., Malekzadeh, P., Free vibration of functionally graded quadrilateral microplates in thermal environment. *Thin-Walled Structures* 2016;106:294–315.
- [16] Malekzadeh, P., Dehbozorgi, M., Low velocity impact analysis of functionally graded carbon nanotubes reinforced composite skew plates. *Composite Structures* 2016;140:728-748.
- [17] Jooybar, N., Malekzadeh, P., Fiouz A.R., Vaghefi, M., Thermal effect on free vibration of functionally graded truncated conical shell panels. *Thin-Walled Structures* 2016;103:45-61.
- [18] Malekzadeh, P., Monajjemzadeh, S.M., Dynamic response of functionally graded beams in

thermal environment under moving load. *Mechanics of Advanced Materials and Structures*. 2016;23, pp. 248-258.

- [19] Malekzadeh, P., Safaeean Hamzehkolaei, N., Temperature-dependent discrete layer-differential quadrature bending analysis of the multi-layered functionally graded annular plates rested on two-parameter elastic foundation. *Mechanics of Advanced Materials and Structures* 2016;23,pp. 248-258.
- [20] Malekzadeh, P., Monajjemzadeh, S.M., Nonlinear response of functionally graded plates under moving load. *Thin-Walled Structures* 2015;96, pp. 120-129.
- [21] Malekzadeh, P., Shojaee, M. A two-variable first-order shear deformation theory coupled with surface and nonlocal effects for free vibration of nanoplates. *Journal of Vibration and Control* 2015;21 pp. 2755-2772.
- [22] Malekzadeh, P., Alibeygi Beni, A., Nonlinear free vibration of in-plane functionally graded rectangular plates. *Mechanics of Advanced Materials and Structures* 2015; 22, pp. 633-640.
- [23] Malekzadeh, P., Dehbozorgi, M., Monajjemzadeh, S.M. Vibration of functionally graded carbon nanotube-reinforced composite plates under a moving load. *Science and Engineering of Composite Materials* 2015;22, pp. 37-55.
- [24] Golbahar Haghighi, M.R., Malekzadeh, P., Afshari, M. Inverse estimation of heat flux and pressure in functionally graded cylinders with finite length. *Composite Structures* 2015; 121, pp. 1-5.
- [25] Rahideh, H., Mofarahi, M., Malekzadeh, P., Golbahar Haghighi, M.R. Application of inverse method to estimation of gas adsorption isotherms. *Transport in Porous Media* 2015;110, pp. 613-626.

- [26] Malekzadeh, P., Heydarpour, Y. Mixed Navier-layerwise differential quadrature three-dimensional static and free vibration analysis of functionally graded carbon nanotube reinforced composite laminated plates. *Meccanica* 2015;50, pp. 143-67.
- [27] Malekzadeh, P., Zarei, A.R. Free vibration of quadrilateral laminated plates with carbon nanotube reinforced composite layers. *Thin-Walled Structures* 2014;82, pp. 221-32.
- [28] Heydarpour, Y., Aghdam, M.M., Malekzadeh, P. Free vibration analysis of rotating functionally graded carbon nanotube-reinforced composite truncated conical shells. *Composite Structures* 2014;117, pp. 187-200.
- [29] Malekzadeh, P., Ghaedsharaf, M. Three-dimensional free vibration of laminated cylindrical panels with functionally graded layers. *Composite Structures* 2014;108:894-904.
- [30] Malekzadeh, P., Daraie, M. Dynamic analysis of functionally graded truncated conical shells subjected to asymmetric moving loads. *Thin-Walled Structures*. 2014;84, pp. 1-13.
- [31] Golbahar Haghighi, M.R., Malekzadeh, P., Afshari, M. Inverse internal pressure estimation of functionally graded cylindrical shells under thermal environment. *Acta Mechanica* 2014;225, pp. 3377-93.
- [32] Malekzadeh, P., Ghaedsharaf, M. Three-dimensional thermoelastic analysis of finite length laminated cylindrical panels with functionally graded layers. *Meccanica* 2014;49, pp. 887-906.
- [33] Malekzadeh, P., Golbahar Haghighi, M.R., Shojaee, M. Nonlinear free vibration of skew nanoplates with surface and small scale effects. *Thin-Walled Structures* 2014;78, pp. 48-56.
- [34] Malekzadeh, P., Shojaee, S.A., Dynamic response of functionally graded beams under moving heat source. *Journal of Vibration and Control* 2014;20, pp. 803-814.

- [35] Ameri, M., Malakouti, M., Malekzadeh, P. Quasi-static analysis of multilayered domains with viscoelastic layer using incremental-layerwise finite element method. *Mechanics of Time-Dependent Materials* 2014;18, pp. 275-291.
- [36] Ameri, M., Malakouti, M., Malekzadeh, P. Dynamic viscoelastic incremental-layerwise finite element method for multilayered structure analysis based on the relaxation approach. *Journal of Mechanics* 2014;30, pp. 593-602.
- [37] Vosoughi, A.R., Banan, M.R., Banan, M.R., Malekzadeh, P. Hybrid FE-IDQ-CG method for dynamic parameters estimation of multilayered half-space. *Composites Part B: Engineering* 2014;56, pp. 74-82.
- [38] Heydarpour, Y., Malekzadeh, P., Aghdam M.M. Free vibration of functionally graded truncated conical shells under internal pressure. *Meccanica* 2014;49, pp. 267-282.
- [39] Mohebpour, S.R., Bahmyari, S., Malekzadeh, P., Vibration analysis of inclined laminated composite beams under moving distributed masses. *Shock and Vibration*, 2014;750916.
- [40] Malekzadeh, P., Vosoughi, A.R., Sadeghpour, M., Vosoughi, H.R., Thermal buckling optimization of temperature-dependent laminated composite skew plates. *ASCE-Journal of Aerospace Engineering*. 2014;27, pp. 64-75.
- [41] Malekzadeh, P., Monfared Maharloei, H., Vosoughi, A.R., A three-dimensional layerwise-differential quadrature free vibration of thick skew laminated composite plates. *Mechanics of Advanced Materials and Structures* 2014;21, pp. 792-801.
- [42] Malekzadeh, P., Bahranifrad, M., Ziaee, S., Three-dimensional free vibration analysis of functionally graded cylindrical panels with cut-out using Chebyshev-Ritz method. *Composite Structures* 2013;105, pp. 1-13.
- [43] Malekzadeh, P., Shojaee, M., Buckling analysis of quadrilateral laminated plates with

- carbon nanotubes reinforced composite layers. *Thin-Walled Structures* 2013; 71, pp. 108-18.
- [44] Malekzadeh, P., Shojaee, M., Surface and nonlocal effects on the nonlinear free vibration of non-uniform nanobeams. *Composites Part B: Engineering* 2013;52, pp. 84-92.
- [45] Malekzadeh, P., Heydarpour, Y., Free vibration analysis of rotating functionally graded truncated conical shells. *Composite Structures*, 2013;97, pp. 176-188.
- [46] Malekzadeh, P., Shojaee, S.A., Dynamic response of functionally graded plates under moving heat source. *Composites Part B: Engineering* 2013;44, pp. 295-303.
- [47] Meraji, S.H., Ghaheri, A., Malekzadeh, P. An efficient algorithm based on the differential quadrature method for solving Navier-Stokes equations. *International Journal for Numerical Methods in Fluids* 2013;71, pp. 422-445.
- [48] Vosoughi, A.R., Banan, M.R., Banan, M.R., Malekzadeh, P. Hybrid FE-DQ for dynamic analysis of multilayered half-space subjected to concentrated point impulsive loading. *International Journal for Numerical and Analytical Methods in Geomechanics* 2013;37, pp. 1106-1121.
- [49] Vosoughi, A.R., Malekzadeh, P., Razi, H., Response of moderately thick laminated composite plates on elastic foundation subjected to moving load. *Composite Structures*, 2013;97, pp. 286-295.
- [50] Malekzadeh, P., Monajjemzadeh, S.M., Dynamic response of functionally graded plates in thermal environment under moving load. *Composites Part B: Engineering*, 2013;45, pp. 1521-1533.
- [51] Malekzadeh, P., Shojaee, M., Free vibration of nanoplates based on a nonlocal two-variable refined plate theory. *Composite Structures*, 2013; 95, pp. 443-452.

- [52] Malekzadeh, P., Safaeian Hamzehkolaei, N., A 3D discrete layer-differential quadrature free vibration of multi-layered FG annular plates in thermal environment. *Mechanics of Advanced Materials and Structures* 2013; 20, pp. 316–330.
- [53] Golbahar Haghighi, M.R., Malekzadeh, P., Rahideh H., Vaghefi, M., Inverse transient heat conduction problems of multilayered functionally graded cylinder. *Numerical Heat Transfer Part A: Application* 2012; 61, pp. 717–733.
- [54] Malekzadeh, P., Heydarpour, Y., Golbahar Haghighi, M.R., Vaghefi, M., Transient response of rotating laminated functionally graded cylindrical shells in thermal environment. *International Journal of Pressure Vessels and Piping* 2012;98, pp. 43-56.
- [55] Malekzadeh, P., Farajpour, A., Axisymmetric free and forced vibrations of initially stressed circular nanoplates embedded in an elastic medium. *Acta Mechanica* 2012;223, pp. 2311-2330.
- [56] Setoodeh, A.R., Ghorbanzadeh, M., Malekzadeh, P., A two-dimensional hybrid free vibration analysis of functionally graded sandwich beams under thermal environment. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*; 2012;226; pp. 2860–2873.
- [57] Malekzadeh, P., Heydarpour, Y. Free vibration analysis of rotating functionally graded cylindrical shells in thermal environment. *Composite Structures* 2012;94 , pp. 2971-2981.
- [58] Malekzadeh, P., Heydarpour, Y. Response of functionally graded cylindrical shells under moving thermo-mechanical loads. *Thin-Walled Structures* 2012; 58 , pp. 51-66.
- [59] Malekzadeh, P., Mohebpour, S.R., Heydarpour, Y. Nonlocal effect on the free vibration of short nanotubes embedded in an elastic medium. *Acta Mechanica* 2012;223 (6) , pp. 1341-1350.

- [60] Alibeygi Beni, A., Malekzadeh, P. Nonlocal free vibration of orthotropic non-prismatic skew nanoplates. *Composite Structures* 2012;94, pp. 3215-3222.
- [61] Malekzadeh, P., Golbahar Haghighi, M.R., Heydarpour, Y. Heat transfer analysis of functionally graded hollow cylinders subjected to an axisymmetric moving boundary heat flux. *Numerical Heat Transfer; Part A: Applications* 2012;61 (8) , pp. 614-632.
- [62] Vosoughi, A.R., Malekzadeh, P., Banan, M.R., Banan, M.R. Thermal buckling and postbuckling of laminated composite beams with temperature-dependent properties. *International Journal of Non-Linear Mechanics* 2012;47 (3) , pp. 96-102.
- [63] Rahideh, H., Malekzadeh, P., Golbahar Haghighi, M.R. Heat conduction analysis of multi-layered FGMs considering the finite heat wave speed. *Energy Conversion and Management* 2012;55 , pp. 14-19.
- [64] Malekzadeh, P., Golbahar Haghighi, M.R., Alibeygi Beni, A. Buckling analysis of functionally graded arbitrary straight-sided quadrilateral plates on elastic foundations. *Meccanica* 2012; 47 (2) , pp. 321-333.
- [65] Heydarpour, Y., Malekzadeh, P., Golbahar Haghighi, M.R., Vaghefi, M. Thermoelastic analysis of rotating laminated functionally graded cylindrical shells using layerwise differential quadrature method. *Acta Mechanica* 2012;223 (1) , pp. 81-93.
- [66] Malekzadeh, P., Fiouz, A.R., Sobhrouyan, M. Three-dimensional free vibration of functionally graded truncated conical shells subjected to thermal environment. *International Journal of Pressure Vessels and Piping* 2012;89 , pp. 210-221.
- [67] Rahideh, H., Malekzadeh, P., Golbahar Haghighi, M.R., Vaghefi, M., Two-dimensional inverse transient heat conduction analysis of laminated functionally graded circular plates. *Numerical Heat Transfer; Part A: Applications* 2012;62 (12) , pp. 992-1014.

- [68] Setoodeh, A.R., Malekzadeh, P., Vosoughi, A.R., Nonlinear free vibration of orthotropic graphene sheets using nonlocal Mindlin plate theory. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science* 2011; 226, pp. 1896-1906.
- [69] Malekzadeh, P., Haghghi, M.R.G., Atashi, M.M. Free vibration analysis of elastically supported functionally graded annular plates subjected to thermal environment. *Meccanica* 2011;46 (5) , pp. 893-913.
- [70] Sepahi, O., Forouzan, M.R., Malekzadeh, P. Thermal buckling and postbuckling analysis of functionally graded annular plates with temperature-dependent material properties. *Materials and Design* 2011;32 (7) , pp. 4030-4041.
- [71] Malekzadeh, P., Setoodeh, A.R., Beni, A.A. Small scale effect on the thermal buckling of orthotropic arbitrary straight-sided quadrilateral nanoplates embedded in an elastic medium. *Composite Structures* 2011;93 (8) , pp. 2083-2089.
- [72] Setoodeh, A.R., Khosrownejad, M., Malekzadeh, P. Exact nonlocal solution for postbuckling of single-walled carbon nanotubes. *Physica E: Low-Dimensional Systems and Nanostructures* 2011;43 (9) , pp. 1730-1737.
- [73] Vosoughi, A.R., Malekzadeh, P., Banan, M.R., Banan, M.R. Thermal postbuckling of laminated composite skew plates with temperature-dependent properties. *Thin-Walled Structures* 2011;49 (7) , pp. 913-922.
- [74] Malekzadeh, P., Setoodeh, A.R., Beni, A.A. Small scale effect on the free vibration of orthotropic arbitrary straight-sided quadrilateral nanoplates. *Composite Structures* 2011;93 (7) , pp. 1631-1639.
- [75] Mohebpour, S.R., Malekzadeh, P., Ahmadzadeh, A.A. Dynamic analysis of laminated

- composite plates subjected to a moving oscillator by FEM. *Composite Structures* 2011;93 (6) , pp. 1574-1583.
- [76] Malekzadeh, P., Moghimi, M.A., Nickaeen, M. The radiation and variable viscosity effects on electrically conducting fluid over a vertically moving plate subjected to suction and heat flux. *Energy Conversion and Management* 2011;52 (5) , pp. 2040-2047.
- [77] Malekzadeh, P. Three-dimensional thermal buckling analysis of functionally graded arbitrary straight-sided quadrilateral plates using differential quadrature method. *Composite Structures* 2011;93 (4) , pp. 1246-1254.
- [78] Sepahi, O., Forouzan, M.R., Malekzadeh, P. Free vibration analysis of triply coupled pre-twisted rotor blades by the differential quadrature method. *International Journal of Structural Stability and Dynamics* 2011;11 (1) , pp. 127-147.
- [79] Golbahar Haghghi, M.R., Malekzadeh, P., Rahideh, H. Three-dimensional transient optimal boundary heating of functionally graded plates. *Numerical Heat Transfer, Part B: Fundamentals* 2011;59 (1) , pp. 76-95.
- [80] Safaean Hamzehkolaei, N., Malekzadeh, P., Vaseghi, J., Thermal effect on axisymmetric bending of functionally graded circular and annular plates using DQM. *Steel and Composite Structures* 2011;11, pp. 341-358.
- [81] Malekzadeh, P., Alibeygi Beni, A. Free vibration of functionally graded arbitrary straight-sided quadrilateral plates in thermal environment. *Composite Structures* 2010;92 (11) , pp. 2758-2767.
- [82] Sepahi, O., Forouzan, M.R., Malekzadeh, P. Large deflection analysis of thermo-mechanical loaded annular FGM plates on nonlinear elastic foundation via DQM. *Composite Structures* 2010;92 (10) , pp. 2369-2378.

- [83] Malekzadeh, P., Haghghi, M.R.G., Atashi, M.M. Out-of-plane free vibration analysis of functionally graded circular curved beams supported on elastic foundation. *International Journal of Applied Mechanics* 2010;2 (3) , pp. 635-652.
- [84] Zahedinejad, P., Malekzadeh, P., Farid, M., Karami, G. A semi-analytical three-dimensional free vibration analysis of functionally graded curved panels. *International Journal of Pressure Vessels and Piping* 2010;87 (8) , pp. 470-480.
- [85] Malekzadeh, P., Afsari, A., Zahedinejad, P., Bahadori, R. Three-dimensional layerwise-finite element free vibration analysis of thick laminated annular plates on elastic foundation. *Applied Mathematical Modelling* 2010;34 (3) , pp. 776-790.
- [86] Sepahi, O., Forouzan, M.R., Malekzadeh, P. Post-buckling analysis of variable cross-section cantilever beams under combined load via differential quadrature method. *KSCE Journal of Civil Engineering* 2010;14 (2) , pp. 207-214.
- [87] Malekzadeh, P., Shahpari, S.A., Ziaee, H.R. Three-dimensional free vibration of thick functionally graded annular plates in thermal environment. *Journal of Sound and Vibration* 2010;329 (4) , pp. 425-442.
- [88] Sepahi, O., Forouzan, M.R., Malekzadeh, P. Differential quadrature application in post-buckling analysis of a hinged-fixed elastica under terminal forces and self-weight. *Journal of Mechanical Science and Technology* 2010;24 (1) , pp. 331-336.
- [89] Malekzadeh, P., Golbahar Haghghi, M.R., Atashi, M.M. Out-of-plane free vibration of functionally graded circular curved beams in thermal environment. *Composite Structures* 2010;92 (2) , pp. 541-552.
- [90] Malekzadeh, P., Golbahar Haghghi, M.R., Gholami, M. Dynamic response of thick laminated annular sector plates subjected to moving load. *Composite Structures* 2010;92

(1) , pp. 155-163.

- [91] Golbahar Haghighi, M.R., Eghtesad, M., Neculescu, D.S., Malekzadeh, P. Temperature control of functionally graded plates using a feedforward-feedback controller based on the inverse solution and proportional-derivative controller. *Energy Conversion and Management* 2010;51 (1) , pp. 140-146.
- [92] Farid, M., Zahedinejad, P., Malekzadeh, P. Three-dimensional temperature dependent free vibration analysis of functionally graded material curved panels resting on two-parameter elastic foundation using a hybrid semi-analytic, differential quadrature method. *Materials and Design* 2010;31 (1) , pp. 2-13.
- [93] Malekzadeh, P. Two-dimensional in-plane free vibrations of functionally graded circular arches with temperature-dependent properties. *Composite Structures* 2009;91 (1) , pp. 38-47.
- [94] Malekzadeh, P., Atashi, M.M., Karami, G. In-plane free vibration of functionally graded circular arches with temperature-dependent properties under thermal environment. *Journal of Sound and Vibration*. 2009;326 (3-5) , pp. 837-851.
- [95] Setoodeh, A.R., Malekzadeh, P., Nikbin, K. Low velocity impact analysis of laminated composite plates using a 3D elasticity based layerwise FEM. *Materials and Design* 2009;30 (9) , pp. 3795-3801.
- [96] Malekzadeh, P. Three-dimensional free vibration analysis of thick laminated annular sector plates using a hybrid method. *Composite Structures* 2009;90 (4) , pp. 428-437.
- [97] Malekzadeh, P., Setoodeh, A.R. DQM in-plane free vibration of laminated moderately thick circular deep arches. *Advances in Engineering Software* 2009;40 (9) , pp. 798-803
- [98] Malekzadeh, P., Fiouz, A.R., Razi, H. Three-dimensional dynamic analysis of laminated

- composite plates subjected to moving load. *Composite Structures* 2009;90 (2) , pp. 105-114.
- [99] Malekzadeh, P. Three-dimensional free vibration analysis of thick functionally graded plates on elastic foundations. *Composite Structures* 2009;89 (3) , pp. 367-373.
- [100] Malekzadeh, P. A two-dimensional layerwise-differential quadrature static analysis of thick laminated composite circular arches. *Applied Mathematical Modelling* 2009;33 (4) , pp. 1850-1861.
- [101] Malekzadeh, P., Rahideh, H. Two-dimensional nonlinear transient heat transfer analysis of variable section pin fins. *Energy Conversion and Management* 2009;50 (4) , pp. 916-922.
- [102] Malekzadeh, P., Vosoughi, A.R. DQM large amplitude vibration of composite beams on nonlinear elastic foundations with restrained edges. *Communications in Nonlinear Science and Numerical Simulation* 2009;14 (3) , pp. 906-915.
- [103] Haghghi, M.R.G., Eghtesad, M., Malekzadeh, P., Neculescu, D.S. Three-dimensional inverse transient heat transfer analysis of thick functionally graded plates. *Energy Conversion and Management* 2009;50 (3) , pp. 450-457.
- [104] Malekzadeh, P., Oujj, A. Axisymmetric buckling analysis of laterally restrained thick annular plates using a hybrid numerical method. *International Journal of Pressure Vessels and Piping* 2008;85 (11) , pp. 789-797.
- [105] Hashemi, M.R., Abedini, M.J., Neill, S.P., Malekzadeh, P. Tidal and surge modelling using differential quadrature: A case study in the Bristol Channel. *Coastal Engineering* 2008;55 (10) , pp. 811-819.
- [106] Malekzadeh, P., Karami, G. Large amplitude flexural vibration analysis of tapered plates with edges elastically restrained against rotation using DQM. *Engineering*

- Structures 2008;30 (10) , pp. 2850-2858.
- [107] Malekzadeh, P., Setoodeh, A.R., Barmshouri, E. A hybrid layerwise and differential quadrature method for in-plane free vibration of laminated thick circular arches. *Journal of Sound and Vibration* 2008;315 (1-2) , pp. 212-225.
- [108] Malekzadeh, P., Farid, M., Zahedinejad, P. A three-dimensional layerwise-differential quadrature free vibration analysis of laminated cylindrical shells. *International Journal of Pressure Vessels and Piping* 2008;85 (7) , pp. 450-458.
- [109] Malekzadeh, P., Karami, G. A mixed differential quadrature and finite element free vibration and buckling analysis of thick beams on two-parameter elastic foundations. *Applied Mathematical Modelling* 2008;32 (7) , pp. 1381-1394.
- [110] Malekzadeh, P., Farid, M., Zahedinejad, P., Karami, G. Three-dimensional free vibration analysis of thick cylindrical shells resting on two-parameter elastic supports. *Journal of Sound and Vibration* 2008;313 (3-5) , pp. 655-675.
- [111] Golbahar Haghighi, M.R., Eghtesad, M., Malekzadeh, P. Coupled DQ-FE methods for two dimensional transient heat transfer analysis of functionally graded material. *Energy Conversion and Management* 2008;49 (5) , pp. 995-1001.
- [112] Haghighi, M.R.G., Eghtesad, M., Malekzadeh, P. A coupled differential quadrature and finite element method for 3-D transient heat transfer analysis of functionally graded thick plates. *Numerical Heat Transfer, Part B: Fundamentals* 2008;53 (4) , pp. 358-373.
- [113] Malekzadeh, P. Differential quadrature large amplitude free vibration analysis of laminated skew plates based on FSDT. *Composite Structures* 2008;83 (2) , pp. 189-200.
- [114] Malekzadeh, P., Vosoughi, A.R. Large amplitude free vibration analysis of composite plates with rotationally restrained edges using DQM. *Journal of Reinforced Plastics and*

- Composites 2008;27 (4) , pp. 409-430.
- [115] Malekzadeh, P. Nonlinear free vibration of tapered Mindlin plates with edges elastically restrained against rotation using DQM. *Thin-Walled Structures* 2008;46 (1) , pp. 11-26.
- [116] Haghghi, M.R.G., Eghtesad, M., Malekzadeh, P., Neculescu, D.S. Two-dimensional inverse heat transfer analysis of functionally graded materials in estimating time-dependent surface heat flux. *Numerical Heat Transfer; Part A: Applications* 2008;54 (7) , pp. 744-762.
- [117] Malekzadeh, P. In-plane free vibration analysis of laminated thick circular deep arches. *Journal of Reinforced Plastics and Composites* 2007;26 (18) , pp. 1943-1951.
- [118] Malekzadeh, P., Setoodeh, A.R. Large deformation analysis of moderately thick laminated plates on nonlinear elastic foundations by DQM. *Composite Structures* 2007;80 (4) , pp. 569-579.
- [119] Fazelzadeh, S.A., Malekzadeh, P., Zahedinejad, P., Hosseini, M. Vibration analysis of functionally graded thin-walled rotating blades under high temperature supersonic flow using the differential quadrature method. *Journal of Sound and Vibration* 2007;306 (1-2) , pp. 333-348.
- [120] Malekzadeh, P., Fiouz, A.R. Large deformation analysis of orthotropic skew plates with nonlinear rotationally restrained edges using DQM. *Composite Structures* 2007;80 (2) , pp. 196-206.
- [121] Hashemi, M.R., Abedini, M.J., Malekzadeh, P. A differential quadrature analysis of unsteady open channel flow. *Applied Mathematical Modelling* 2007; 31 (8) , pp. 1594-1608.
- [122] Malekzadeh, P., Farid, M. A DQ large deformation analysis of composite plates on

- nonlinear elastic foundations. *Composite Structures* 2007;79 (2) , pp. 251-260
- [123] Malekzadeh, P., Rahideh, H., Setoodeh, A.R. Optimization of non-symmetric convective-radiative annular fins by differential quadrature method. *Energy Conversion and Management* 2007;48 (5) , pp. 1671-1677.
- [124] Malekzadeh, P. A differential quadrature nonlinear free vibration analysis of laminated composite skew thin plates. *Thin-Walled Structures* 2007;45 (2) , pp. 237-250.
- [125] Malekzadeh, P. A DQ nonlinear bending analysis of skew composite thin plates. *Structural Engineering and Mechanics* 2007;25 (2) , pp. 161-180.
- [126] Malekzadeh, P., Rahideh, H. IDQ two-dimensional nonlinear transient heat transfer analysis of variable section annular fins. *Energy Conversion and Management* 2007;48 (1) , pp. 269-276.
- [127] Malekzadeh, P., Rahideh, H., Karami, G. A differential quadrature element method for nonlinear transient heat transfer analysis of extended surfaces. *Numerical Heat Transfer; Part A: Applications* 2006;49 (5) , pp. 511-523.
- [128] Hashemi, M.R., Abedini, M.J., Malekzadeh, P. Numerical modeling of long waves in shallow water using Incremental Differential Quadrature Method. *Ocean Engineering* 2006;33 (13) , pp. 1749-1764.
- [129] Malekzadeh, P., Rahideh, H., Karami, G. Optimization of convective-radiative fins by using differential quadrature element method. *Energy Conversion and Management* 2006;47 (11-12) , pp. 1505-1514.
- [130] Malekzadeh, P., Karami, G. Differential quadrature nonlinear analysis of skew composite plates based on FSDT. *Engineering Structures* 2006;28 (9) , pp. 1307-1318.
- [131] Karami, G., Malekzadeh, P., Mohebpour, S.R. DQM free vibration analysis of moderately

- thick symmetric laminated plates with elastically restrained edges. *Composite Structures* 2006;74 (1) , pp. 115-125.
- [132] Malekzadeh, P., Karami, G. Polynomial and harmonic differential quadrature methods for free vibration of variable thickness thick skew plates. *Engineering Structures* 2005;27 (10) , pp. 1563-1574.
- [133] Malekzadeh, P., Shahpari, S.A. Free vibration analysis of variable thickness thin and moderately thick plates with elastically restrained edges by DQM. *Thin-Walled Structures* 2005;43 (7) , pp. 1037-1050.
- [134] Malekzadeh, P., Karami, G., Farid, M. A semi-analytical DQEM for free vibration analysis of thick plates with two opposite edges simply supported. *Computer Methods in Applied Mechanics and Engineering* 2004;193 (45-47) , pp. 4781-4796.
- [135] Malekzadeh, P., Karami, G. Vibration of non-uniform thick plates on elastic foundation by differential quadrature method. *Engineering Structures* 2004;26 (10) , pp. 1473-1482.
- [136] Karami, G., Malekzadeh, P. In-plane free vibration analysis of circular arches with varying cross-sections using differential quadrature method. *Journal of Sound and Vibration* 2004;274 (3-5) pp. 777-799.
- [137] Karami, G., Shahpari, S.A., Malekzadeh, P. DQM analysis of skewed and trapezoidal laminated plates. *Composite Structures* 2003;59 (3) , pp. 393-402.
- [138] Malekzadeh, P., Karami, G. Out-of-plane static analysis of circular arches by DQM. *International Journal of Solids and Structures* 2003;40 (23) , pp. 6527-6545.
- [139] Malekzadeh, P., Karami, G., Farid, M. DQEM for free vibration analysis of Timoshenko beams on elastic foundations. *Computational Mechanics* 2003;31 (3-4) , pp. 219-228.
- [140] Karami, G., Malekzadeh, P., Shahpari, S.A. A DQEM for vibration of shear deformable

nonuniform beams with general boundary conditions. *Engineering Structures* 2003;25 (9) , pp. 1169-1178.

- [141] Karami, G., Malekzadeh, P. An efficient differential quadrature methodology for free vibration analysis of arbitrary straight-sided quadrilateral thin plates. *Journal of Sound and Vibration* 2003;263 (2) , pp. 415-442.
- [142] Karami, G., Malekzadeh, P. Application of a new differential quadrature methodology for free vibration analysis of plates. *International Journal for Numerical Methods in Engineering* 2003;56 (6) , pp. 847-868.
- [143] Karami, G., Malekzadeh, P. Static and stability analyses of arbitrary straight-sided quadrilateral thin plates by DQM. *International Journal of Solids and Structures* 2002;39 (19) , pp. 4927-4947.
- [144] Karami, G., Malekzadeh, P. A new differential quadrature methodology for beam analysis and the associated differential quadrature element method. *Computer Methods in Applied Mechanics and Engineering* 2002;191 (32) , pp. 3509-3526.
- [145] Karami, G., Malekzadeh, P. A variational-based modeling for energy release rate of fiber/matrix interfacial fracture. *Composite Structures* 2002;55 (2), pp. 185-194.

مقالات چاپ شده در مجلات علمی پژوهشی

- [1] محمود ملکوتی علون آبادی، سینا رامش خواه، پرویز ملک زاده، سید حامد معراجی. پاسخ شبه استاتیکی روسازی آسفالتی لایه ای با رفتار ویسکوالاستیک به روش المان دیفرانسیل کوادرچر. فصل نامه علمی- پژوهشی مهندسی حمل و نقل (پذیرفته شده برای چاپ-1396).

- [2] Malakouti, M., Ameri, M., Malekzadeh, P. Incremental layerwise finite element formulation for viscoelastic response of multilayered pavements. *International Journal of Transportation Engineering* 2013; 1(3), pp. 183-193.

- [1] Parviz Malekzadeh, A. Alibeygi Beni Thermal Buckling Analysis of Orthotropic Nanoplates on Nonlinear Elastic Foundation. Encyclopedia of Thermal Stresses pp 4862-4872 (Editors:Richard B. Hetnarski, ISBN: 978-94-007-2738-0 (Print) 978-94-007-2739-7 (Online), Springer)
- [2] Malekzadeh, P., Nejati, R. Non-Fourier heat transfer analysis of functionally graded spherical shells under convection-radiation conditions. Journal of Oil, Gas and Petrochemical Technology 2014; 1, pp. 73-86.
- [3] سعیدرضا محب پور، حمزه رهیده، پرویز ملک زاده ، تاثیر مکان قرار گیری موتورخانه یک شناور تندرو بر روی فرکانس طبیعی آن. فصلنامه علوم و فنون دریا، بهار 1393.

4. داور بیش از سیصد مقاله برای مجلات معتبر علمی زیر:

1. ASCE-Journal of Aerospace Engineering (ASCE)
2. ASCE-Journal of Engineering Mechanics (ASCE)
3. ASME-Journal of Heat Transfer (ASME)
4. ASME-Journal of Vibration and Acoustics (ASME)
5. Polymer Composites (Wiley)
6. International Journal of Heat and Mass Transfer (Elsevier)
7. International Journal of Numerical Methods for Heat and Fluid Flow (John Wiley)
8. International Journal of Thermal Sciences (Elsevier)
9. Mechanics of Advanced Materials and Structures (Taylor and Francis)
10. Numerical Heat Transfer (Taylor and Francis)
11. Composite Structures (Elsevier)
12. Thin-Walled Structures (Elsevier)
13. Composites Part B: Engineering (Elsevier)

14. **International Journal for Numerical Methods in Fluids (John Wiley)**
15. **International Journal for Computational Methods in Engineering Science & Mechanics
(Taylor and Francis)**
16. **International Journal of Computer Mathematics (Taylor and Francis)**
17. **Communications in Numerical Methods in Engineering (John Wiley)**
18. **Applied Soft Computing (Elsevier)**
19. **Meccanica (Springer)**
20. **International Journal of Pressure Vessels and Piping (Elsevier)**
21. **Steel and Composite Structures (Techno Press)**
22. **International Journal of Applied Mechanics (Imperial College Press)**
23. **Applied Mathematical Modelling (Elsevier)**
24. **Applied Thermal Engineering (Elsevier)**
25. **Aerospace Science and Technology (Elsevier)**
26. **Acta Astronautica (Elsevier)**
27. **Journal of Sound and Vibration (Elsevier)**
28. **Engineering Structures (Elsevier)**
29. **Structural Engineering and Mechanics (Techno Press)**
30. **Computer Methods in Applied Mechanics and Engineering (Elsevier)**
31. **Computers and Mathematics with Applications (Elsevier)**
32. **Journal of Vibration and Control (SAGE)**
33. **Multidiscipline Modeling in Materials and Structures (Emerald Group Publishing Ltd)**
34. **Scientia Iranica (Iran)**
35. **Finite Elements in Analysis and Design (Elsevier)**
36. **International Journal of Mechanical Science (Elsevier)**
37. **Engineering Analysis with Boundary Elements (Elsevier)**

38. **Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science (SAGE)**
39. **International Journal of Biomathematics**
40. **Inverse Problems in Science & Engineering**
41. **Coupled Systems Mechanics, An International Journal (Techno Press)**
42. **Iranian Journal of Science and Technology**
43. **Journal of Zhejiang University-SCIENCE A**
44. **Amirkabir Journal of Science & Technology**
45. **Mathematical Problems in Engineering**
46. **Advances in Acoustics and Vibration (Hindawi Publishing Corporation)**
47. **Journal of Modeling in Mechanics and Materials**
48. **Mathematical Methods in the Applied Sciences**
49. **Journal of Theoretical and Applied Mechanics**
50. **Shock and Vibration**
51. **Modern Physics Letters B**
52. **Results in Physics**
53. **Microsystem Technologies**
54. **Superlattices and Microstructures (Elsevier)**
55. **Advances in Applied Mathematics and Mechanics (Cambridge University Press)**
56. **Nonlinear Engineering – Modeling and Application**
57. **Advances in Nano Research, An International Journal**
58. **Advances in Computational Design, An International Journal**
59. **Ain Shams Engineering Journal (Elsevier)**
60. **Mechanics of Advanced Composite Structures (Semnan University)**
61. **مجله روش‌های عددی در مهندسی دانشگاه صنعتی اصفهان**
62. **مکانیک سازه‌ها و شماره‌ها**

63. مجله هیدرولیک

64. مجله مهندسی مکانیک دانشگاه تبریز