

S A Eftekhari

List of Publications by Year in descending order

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36
papers

682
citations

471509

17
h-index

552781

26
g-index

36
all docs

36
docs citations

36
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	A mixed Ritz-DQ method for forced vibration of functionally graded beams carrying moving loads. <i>Composite Structures</i> , 2010, 92, 2497-2511.	5.8	143
2	A note on mathematical treatment of the Dirac-delta function in the differential quadrature bending and forced vibration analysis of beams and rectangular plates subjected to concentrated loads. <i>Applied Mathematical Modelling</i> , 2015, 39, 6223-6242.	4.2	42
3	Accurate variational approach for free vibration of variable thickness thin and thick plates with edges elastically restrained against translation and rotation. <i>International Journal of Mechanical Sciences</i> , 2013, 68, 35-46.	6.7	34
4	A Differential Quadrature Procedure with Regularization of the Dirac-delta Function for Numerical Solution of Moving Load Problem. <i>Latin American Journal of Solids and Structures</i> , 2015, 12, 1241-1265.	1.0	33
5	A mixed method for free and forced vibration of rectangular plates. <i>Applied Mathematical Modelling</i> , 2012, 36, 2814-2831.	4.2	32
6	Modified mixed Ritz-DQ formulation for free vibration of thick rectangular and skew plates with general boundary conditions. <i>Applied Mathematical Modelling</i> , 2013, 37, 7398-7426.	4.2	32
7	A mixed modal-differential quadrature method for free and forced vibration of beams in contact with fluid. <i>Meccanica</i> , 2014, 49, 535-564.	2.0	31
8	An efficient mixed methodology for free vibration and buckling analysis of orthotropic rectangular plates. <i>Applied Mathematics and Computation</i> , 2011, 218, 2670-2692.	2.2	27
9	A simple and accurate Ritz formulation for free vibration of thick rectangular and skew plates with general boundary conditions. <i>Acta Mechanica</i> , 2013, 224, 193-209.	2.1	27
10	Differential quadrature procedure for in-plane vibration analysis of variable thickness circular arches traversed by a moving point load. <i>Applied Mathematical Modelling</i> , 2016, 40, 4640-4663.	4.2	23
11	Vibration of an initially stressed rectangular plate due to an accelerated traveling mass. <i>Scientia Iranica</i> , 2012, 19, 1195-1213.	0.4	22
12	A New Mixed Finite Element-Differential Quadrature Formulation for Forced Vibration of Beams Carrying Moving Loads. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2011, 78, .	2.2	21
13	A simple and accurate mixed FE-DQ formulation for free vibration of rectangular and skew Mindlin plates with general boundary conditions. <i>Meccanica</i> , 2013, 48, 1139-1160.	2.0	21
14	Numerical simulation of chaotic dynamical systems by the method of differential quadrature. <i>Scientia Iranica</i> , 2012, 19, 1299-1315.	0.4	19
15	A coupled finite element-differential quadrature element method and its accuracy for moving load problem. <i>Applied Mathematical Modelling</i> , 2010, 34, 228-237.	4.2	18
16	A Novel and Accurate Ritz Formulation for Free Vibration of Rectangular and Skew Plates. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2012, 79, .	2.2	18
17	Mixed finite element and differential quadrature method for free and forced vibration and buckling analysis of rectangular plates. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2012, 33, 81-98.	3.6	18
18	Accurate variational approach for free vibration of simply supported anisotropic rectangular plates. <i>Archive of Applied Mechanics</i> , 2014, 84, 607-614.	2.2	18

#	ARTICLE	IF	CITATIONS
19	Dynamic Analysis of Laminated Composite Coated Beams Carrying Multiple Accelerating Oscillators Using a Coupled Finite Element-Differential Quadrature Method. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2009, 76, .	2.2	14
20	High accuracy mixed finite element-Ritz formulation for free vibration analysis of plates with general boundary conditions. <i>Applied Mathematics and Computation</i> , 2012, 219, 1312-1344.	2.2	12
21	A modified differential quadrature procedure for numerical solution of moving load problem. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2016, 230, 715-731.	2.1	11
22	Pressure-based and potential-based mixed Ritz-differential quadrature formulations for free and forced vibration of Timoshenko beams in contact with fluid. <i>Meccanica</i> , 2016, 51, 179-210.	2.0	10
23	Coupling Ritz Method and Triangular Quadrature Rule for Moving Mass Problem. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2012, 79, .	2.2	9
24	A differential quadrature procedure for linear and nonlinear steady state vibrations of infinite beams traversed by a moving point load. <i>Meccanica</i> , 2016, 51, 2417-2434.	2.0	9
25	A Differential Quadrature Procedure with Direct Projection of the Heaviside Function for Numerical Solution of Moving Load Problem. <i>Latin American Journal of Solids and Structures</i> , 2016, 13, 1763-1781.	1.0	8
26	Pressure-Based and Potential-Based Differential Quadrature Procedures for Free Vibration of Circular Plates in Contact with Fluid. <i>Latin American Journal of Solids and Structures</i> , 2016, 13, 610-631.	1.0	5
27	A simple and accurate mixed Ritz-DQM formulation for free vibration of rectangular plates involving free corners. <i>Ain Shams Engineering Journal</i> , 2016, 7, 777-790.	6.1	5
28	Dynamic Analysis of Multi-Span Laminated Composite Coated Beams Carrying Multiple Accelerating Oscillators. , 2006, , 83.		4
29	A Mixed Method for Forced Vibration of Multi-Span Rectangular Plates Carrying Moving Masses. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 3225-3250.	1.1	4
30	A Variational Formulation for Vibration Problem of Beams in Contact with a Bounded Compressible Fluid and Subjected to a Traveling Mass. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 5153-5170.	1.1	3
31	A differential quadrature procedure for free vibration of circular membranes backed by a cylindrical fluid-filled cavity. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017, 39, 1119-1137.	1.6	3
32	Numerical Simulation of Sloshing Motion in a Rectangular Tank using Differential Quadrature Method. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 4657-4667.	1.9	2
33	A simple finite element procedure for free vibration of rectangular thin and thick plates. <i>Applied Mathematics and Computation</i> , 2021, 401, 126104.	2.2	2
34	A Ritz Procedure for Transient Analysis of Dam-Reservoir Interaction. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2019, 43, 287-295.	1.9	1
35	An accurate differential quadrature procedure for the numerical solution of the moving load problem. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	1
36	A differential quadrature procedure for free vibration of rectangular plates involving free corners. <i>Scientia Iranica</i> , 2016, 23, 2125-2143.	0.4	0