

Wooram Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4275107/publications.pdf>

Version: 2024-02-01

20
papers

436
citations

840585

11
h-index

839398

18
g-index

20
all docs

20
docs citations

20
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved implicit time integration algorithm: The generalized composite time integration algorithm. Computers and Structures, 2018, 196, 341-354.	2.4	82
2	An improved explicit time integration method for linear and nonlinear structural dynamics. Computers and Structures, 2018, 206, 42-53.	2.4	46
3	An accurate two-stage explicit time integration scheme for structural dynamics and various dynamic problems. International Journal for Numerical Methods in Engineering, 2019, 120, 1-28.	1.5	46
4	An Improved Time Integration Algorithm: A Collocation Time Finite Element Approach. International Journal of Structural Stability and Dynamics, 2017, 17, 1750024.	1.5	36
5	A New Family of Higher-Order Time Integration Algorithms for the Analysis of Structural Dynamics. Journal of Applied Mechanics, Transactions ASME, 2017, 84, .	1.1	35
6	Novel explicit time integration schemes for efficient transient analyses of structural problems. International Journal of Mechanical Sciences, 2020, 172, 105429.	3.6	32
7	A new family of two-stage explicit time integration methods with dissipation control capability for structural dynamics. Engineering Structures, 2019, 195, 358-372.	2.6	30
8	An improved implicit method with dissipation control capability: The simple generalized composite time integration algorithm. Applied Mathematical Modelling, 2020, 81, 910-930.	2.2	24
9	A simple explicit single step time integration algorithm for structural dynamics. International Journal for Numerical Methods in Engineering, 2019, 119, 383-403.	1.5	20
10	Effective Higher-Order Time Integration Algorithms for the Analysis of Linear Structural Dynamics. Journal of Applied Mechanics, Transactions ASME, 2017, 84, .	1.1	19
11	Higher-order explicit time integration methods for numerical analyses of structural dynamics. Latin American Journal of Solids and Structures, 2019, 16, .	0.6	15
12	A Cross Weighted-Residual Time Integration Scheme for Structural Dynamics. International Journal of Structural Stability and Dynamics, 2014, 14, 1450023.	1.5	11
13	A Comparative Study of Implicit and Explicit Composite Time Integration Schemes. International Journal of Structural Stability and Dynamics, 2020, 20, 2041003.	1.5	11
14	Novel mixed finite element models for nonlinear analysis of plates. Latin American Journal of Solids and Structures, 2010, 7, 201-226.	0.6	10
15	A Comparative Study of Two Families of Higher-Order Accurate Time Integration Algorithms. International Journal of Computational Methods, 2020, 17, 1950048.	0.8	8
16	NONCONVENTIONAL FINITE ELEMENT MODELS FOR NONLINEAR ANALYSIS OF BEAMS. International Journal of Computational Methods, 2011, 08, 349-368.	0.8	5
17	A critical assessment of two-stage composite time integration schemes with a unified set of time approximations. Latin American Journal of Solids and Structures, 2021, 18, .	0.6	3
18	A Novel Family of Two-Stage Implicit Time Integration Schemes for Structural Dynamics. International Journal of Computational Methods, 2021, 18, .	0.8	3

#	ARTICLE	IF	CITATIONS
19	Study of a Mixed Finite Element Model for the Analysis of a Geometrically Nonlinear Plate. Transactions of the Korean Society of Mechanical Engineers, A, 2010, 34, 1427-1435.	0.1	0
20	A Comparative Study on Single Time Schemes Based on the FEM for the Analysis of Structural Transient Problems. Journal of the Korea Institute of Military Science and Technology, 2011, 14, 957-964.	0.1	0