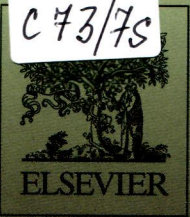


ПН,
С 73/78

Volume 117, February 2013

ISSN 0045-7949



An International Journal

Computers & Structures

Solids – Structures – Fluids – Multiphysics

EDITORS

K. J. Bathe B. H. V. Topping

Available online at www.sciencedirect.com

SciVerse ScienceDirect

Computers & Structures

An
International
Journal

volume 117

J. F. Olesen and P. N. Poulsen	A1	The K.J. Bathe Award
Y. Wang, Z. Kang and Q. He	1	An embedded crack in a constant strain triangle utilizing extended finite element concepts
S. Weng, H.-P. Zhu, Y. Xia, X.-Q. Zhou and L. Mao	10	An adaptive refinement approach for topology optimization based on separated density field description
B. Moghaddasie and I. Stanciulescu	23	Substructuring approach to the calculation of higher-order eigensensitivity
N. Dialami, M. Chiumenti, M. Cervera and C. Agelet de Saracibar	34	Direct calculation of critical points in parameter sensitive systems
Z. Chen, H. Qiu, L. Gao, L. Su and P. Li	48	An apropos kinematic framework for the numerical modeling of friction stir welding
M. Lázaro and J. L. Pérez-Aparicio	58	An adaptive decoupling approach for reliability-based design optimization
A. Kaveh and M. Khayatizad	67	Multiparametric computation of eigenvalues for linear viscoelastic structures
J. E. Hurtado and D. A. Alvarez	82	Ray optimization for size and shape optimization of truss structures
J. G. Teng, S. S. Zhang, J. G. Dai and J. F. Chen	95	A method for enhancing computational efficiency in Monte Carlo calculation of failure probabilities by exploiting FORM results
	105	Three-dimensional meso-scale finite element modeling of bonded joints between a near-surface mounted FRP strip and concrete

Abstracted/indexed in: Appl Mech Rev, Curr Cont ASCA, Cam Sci Abstr, Current Contents/Engineering, Computing and Technology, Comput Cont, Eng Ind, Earthquake Engineering Abstracts, Geo Struct Info, INSPEC Data, Compendex and Science Citation Index, Info Sci Abstr, Math R, Mechanics, Metals Abstr, PASCAL-CNRS Data, Curr Cont SCISEARCH Data, Soft Rev on File, SSSA/CISA/ECA/ISMEC. Also covered in the abstract and citation database SciVerse Scopus®. Full text available on SciVerse ScienceDirect®.



ELSEVIER®



0045-7949(201302)117:C;1-7

ISSN 0045-7949
