



Volume 41, Number 2, January 25 2012

Analysis of composite frame structures with mixed elements – state of the art **Ashraf Ayoub**

Abstract; Full Text (2245K)

Effect of modeling assumptions on the seismic behavior of steel buildings with perimeter moment frames

Alfredo Reyes-Salazar, Manuel Ernesto Soto-Lópeza, Eden Bojórquez-Mora and Arturo López-Barraza

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New nine-node Lagrangian quadrilateral plate element based on Mindlin-Reissner theory using IFM

H.R. Dhananjaya, P.C. Pandey, J. Nagabhushanam and Zainah Ibrahim Abstract; Full Text (63K)

Fibre composite railway sleeper design by using FE approach and optimization techniques

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Abstract; Full Text (1477K)

Assessment of FEMA356 nonlinear static procedure and modal pushover analysis for seismic evaluation of buildings

Hamid Reza Khoshnoud and Kadir Marsono

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Estimating the Region of Attraction via collocation for autonomous nonlinear systems M. Rezaiee-Pajand and B. Moghaddasie

Abstract; Full Text (1906K)

An inverse approach for the calculation of flexibility coefficient of open-side cracks in beam type structures

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Abstract; Full Text (609K)

Effect of the height of SCSW on the optimal position of the stiffening beam considering axial force effect

B. Farahmand Azar, A. Hadidi and H. Khosravi

Abstract; Full Text (3032K)

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Title	Structural Engineering and Mechanics
ISSN	1225-4568
Publisher	Techno-Press
Country	Korea, Republic of
Status	Active
Start Year	1993
Frequency	every 3 weeks
Language of Text	Text in: English
Refereed	Yes
Abstracted / Indexed	Yes
Serial Type	Journal
Content Type	Academic / Scholarly
Format	Print