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TECHNICAL PAPERS

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Designing High-Precision Fast Nonlinear Dam Neuro-Modelers and **Comparison with Finite-Element Analysis**

Abdolreza Joghataie and Mehrdad Shafiei Dizaji

J. Eng. Mech. 139(10), 1311-1324 (2013);

http://dx.doi.org/10.1061/(ASCE)EM.1943-7889.0000572

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Element Size and Other Restrictions in Finite-Element Modeling of **Reinforced Concrete at Elevated Temperatures**

Josephine Voigt Carstensen, Grunde Jomaas, and Pankaj Pankaj

J. Eng. Mech. 139(10), 1325-1333 (2013);

http://dx.doi.org/10.1061/(ASCE)EM.1943-7889.0000578

Online Publication Date: 13 Dec 2012

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Similitude Study of Impacted Composite Laminates under Buckling Loading

M. M. Shokrieh and A. Askari

J. Eng. Mech. 139(10), 1334-1340 (2013);

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Online Publication Date: 19 Oct 2012

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Lateral Stability of Imperfect Discretely Braced Steel Beams

Finian McCann, M. Ahmer Wadee, and Leroy Gardner

J. Eng. Mech. 139(10), 1341-1349 (2013):

http://dx.doi.org/10.1061/(ASCE)EM.1943-7889.0000586

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Gang-Won Jang, Soo Min Choi, and Yoon Young Kim

J. Eng. Mech. 139(10), 1350-1361 (2013);

http://dx.doi.org/10.1061/(ASCE)EM.1943-7889.0000584

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Mitigating Ground Shocks with Cellular Solids

Hongyuan Zhou, Zhiye Zhao, and Guowei Ma

J. Eng. Mech. 139(10), 1362-1371 (2013);

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Laboratory Measurement of Seabed Shear Stress and the Slip Factor over a Porous Seabed

Jing-Hua Lin, Guan-Yu Chen, and Yang-Yih Chen

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G. Kember and K. Shahin

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Seismic Control of Power Transmission Tower Using Pounding TMD

Peng Zhang, Gangbing Song, Hong-Nan Li, and You-Xin Lin

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Yazdan Hayati, Morteza Eskandari-Ghadi, Mehdi Raoofian, Mohammad Rahimian, and Alireza A. Ardalan

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Concrete

Paolo Gardoni, David Trejo, and Young Hoon Kim

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Chi-Chang Lin and Chang-Ching Chang

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Andrea Nobili

J. Eng. Mech. 139(10), 1470-1478 (2013);

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CASE STUDIES

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John F. Peters and Laura E. Walizer

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| Cited 7 times

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Analytical Solutions of a Class of Nonlinear Single Degree-of-Freedom **Systems to Nonstationary Random Excitations**

C. W. S. To, J. Fu, and X. Zhang

J. Eng. Mech. 139(10), 1491-1495 (2013);

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