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SELECTED: | Export Citations | Show/Hide Abstracts | Add to MyArticles | Email 0 View Select All SPECIAL ISSUE EDITOR: ASAD ESMAEILY TOP 1 Special Issue on Experimental Methods in Damage Detection and Wind Engineering Asad Esmaeily J. Eng. Mech. 139(3), 247-247 (2013); http://dx.doi.org/10.1061/(ASCE)EM.1943-7889.0000573 Online Publication Date: 15 Feb 2013 Citation | Full Text HTML | PDF (32 KB) | Permissions **TECHNICAL PAPERS** TOP 1 **Experiments and Analytical Modeling of Frequency-Targeted Laser Elastic Wave Generation and Detection in Aluminum Structures** David Hurley and Dryver Huston J. Eng. Mech. 139(3), 248-255 (2013); http://dx.doi.org/10.1061/(ASCE)EM.1943-7889.0000515 I Cited 1 time Online Publication Date: 7 Aug 2012 Abstract | Full Text HTML | References | PDF (850 KB) | Permissions + Show Abstract Noncontact Inspection Method to Determine the Transfer Length in **Pretensioned Concrete Railroad Ties** Weixin Zhao, Robert L. Murphy, Robert J. Peterman, B. Terry Beck, Chih-Hang John Wu, and Pelle N. Duong J. Eng. Mech. 139(3), 256-263 (2013); http://dx.doi.org/10.1061/(ASCE)EM.1943-7889.0000449 Online Publication Date: 11 Apr 2012 Abstract | Full Text HTML | References | PDF (1938 KB) | Permissions + Show Abstract Pavement Macrotexture Monitoring through Sound Generated by a Tire-**Pavement Interaction** Vitaliy V. Saykin, Yiying Zhang, Yinghong Cao, Ming L. Wang, and J. Gregory McDaniel J. Eng. Mech. 139(3), 264-271 (2013); http://dx.doi.org/10.1061/(ASCE)EM.1943-7889.0000485 | Cited 1 time Online Publication Date: 27 Jul 2012 Abstract | Full Text HTML | References | PDF (1294 KB) | Permissions + Show Abstract Development of High-Speed Ultrawideband Ground-Penetrating Radar for **Rebar Detection** Xianlei Xu, Tian Xia, Anbu Venkatachalam, and Dryver Huston J. Eng. Mech. 139(3), 272-285 (2013);

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