

List of Publications (Cited: 801 times as per google scholar)

Journal Articles

1. **B. Hazra**, A.J.Roffel, S.Narasimhan and M.D.Pandey (2010), "Modified Cross Correlation Method for Blind Identification of Structures". *Journal of Engineering Mechanics, ASCE*, Vol-136(7).
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3. **B. Hazra**, A.Sadhu, R.Lourenco and S.Narasimhan, (2010), "Re-Tuning Tuned Mass Dampers Using Ambient Vibration Measurements". *Smart Materials and Structures, IOP*, Vol-19(11).
4. S.Shirali, **B. Hazra**, S.Narasimhan and M.D.Pandey (2009), "Independent component regression for predicting the responses of biaxial base-isolated buildings". *Earthquake Engineering and Structural Dynamics*, Wiley, Vol-39(5).
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13. **B. Hazra**, A. Sadhu and S. Narasimhan (2015), "Fault Detection of Gearboxes using Synchro-squeezing Transform", *Journal of Vibration and Control*, 23(19), pp. 3108-3127.
14. "Methods and systems to monitor health of rotor blades-I". *United States Patent Application 20150184536*, Date of filing: Dec-12, 2013, Date of Publication: July-2, 2015.
15. "Methods and systems to monitor health of rotor blades-II". *United States Patent Application 20150184533*, Date of filing: Dec-12, 2013, Date of Publication: July-2, 2015.
16. **B. Hazra**, A. Garg, V. Gadi and C.W.W. Ng (2016), "Probabilistic analysis of suction in homogeneously vegetated soils", *Catena*, Elsevier, Vol. 149, pp. 394-401.

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