Mary J. Sansalone

Impact-Echo References

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43. Carino, N.J., Sansalone, M., and Hsu, N.N., “A Point Source - Point Receiver
Mary J. Sansalone 4

Technique for Flaw Detection in Concrete,” Journal of the American Concrete Institute, Vol. 83, No. 2, April, 1986, pp. 199-208.

**Symposium Papers**


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BOOKS and BOOK CHAPTERS


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Impact-Echo: The Book. References. Abstract. Impact-echo is a method for nondestructive testing of concrete and masonry structures that is based on the use of impact-generated stress (sound) waves that propagate through concrete and masonry and are reflected by internal flaws and external surfaces. Impact-echo Test Results for Specimen No. 2 Impact-echo test results on sample No.2 at fully voided region in 100mm metal duct is provided in Figures 16a to 16d. Concrete cover to the tendon duct in this sample is found to be 100mm. As shown in Figure 16b, the void has been detected using 12.7mm impactor. References ACI 228.2R-98. 2004. Nondestructive Test Methods for Evaluation of Concrete in Structures. Reported by ACI Committee 228.