



# Impact-Echo: Non-Destructive Evaluation of Concrete and Masonry

By Mary Sansalone, William B. Streett



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This book gives a thorough presentation of this innovative method for the nondestructive investigation of the integrity of concrete structures by the engineers who invented and developed the process, and is a handbook supporting the proper use of the test instrument. The text, using occasional equations, presents in detail the theory behind a new, now thoroughly proven, method of structural testing. Examples of applied evaluations include delaminations, cracks, unconsolidated concrete, layered structures (including asphalt-covered), bonding, post-tensioned tendons, mine shaft and tunnel liners, and general integrity of masonry structures. Suitable for use as a college text. The Impact-Echo technique has been used for forensic studies of historic buildings including St. Paul's Cathedral, London, The Federal Reserve Building in New York, and the U.S. Capitol Building, Washington.

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