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Nota di contenuto	Part 1: Geopolymers -- Part 2: Cement and Pozzolana -- Part 3: Aggregates for Concrete -- Part 4: Concrete, Steel and Durability -- Part 5: Fiber Reinforced Concrete (FRC) -- Part 6: Low-Cost Housing -- Part 7: Fiber Reinforced Polymer (FRP) in Structures -- Part 8: Concrete Filled Steel Tubes/ Structures -- Part 9: Concrete Structures -- Part 10: Steel Structures -- Part 11: Masonry Structures -- Part 12: Bridge

Structures -- Part 13: Reliability and Fragility -- Part 14: Non-Destructive Test (NDT) and Damage Detection.

Sommario/riassunto

The book presents research papers presented by academicians, researchers, and practicing structural engineers from India and abroad in the recently held Structural Engineering Convention (SEC) 2014 at Indian Institute of Technology Delhi during 22 – 24 December 2014. The book is divided into three volumes and encompasses multidisciplinary areas within structural engineering, such as earthquake engineering and structural dynamics, structural mechanics, finite element methods, structural vibration control, advanced cementitious and composite materials, bridge engineering, and soil-structure interaction. Advances in Structural Engineering is a useful reference material for structural engineering fraternity including undergraduate and postgraduate students, academicians, researchers and practicing engineers.
