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Nota di contenuto	Part 1: Computational Solid/ Structural Mechanics -- Part 2: Thermal Stress Analysis -- Part 3: Mathematical, Numerical, Optimization Techniques -- Part 4: Blast/ Impact Mechanics -- Part 5: Strengthening and Retrofitting of Structures -- Part 6: Joints/ Connections and Structural Behaviour -- Part 7: Offshore Structures and Soil-Structure Interactions.
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.
