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Nota di contenuto	Application of NDT for installation of Rooftop Solar Power Plants -- Local Reinforcing of RC Columns by Steelwork: a Parametric Study -- Chloride Profile Modeling for Reinforced Concrete Structures Present in Marine Environment -- Concrete Electrical Resistivity as a Durability and Service Life Parameter for Reinforced Concrete Structures -- Rehabilitation Technologies -- Time Variant Assessment of Uncertainties for Various Loads Process during the Service Life of Concrete Structures -- Fly Ash and Granulated Blast Furnace Slag to Mitigate the Alkali Silica Reaction in Concretes -- Influence of the Addition of Sugar Cane Bagasse Ash on Durability of Concrete Structures.
Sommario/riassunto	This book provides a collection of recent research works, related to structural stability and durability, service life, reinforced concrete structures, recycled materials, and sustainability with endogenic materials. Intended as an overview of the current state of knowledge, the book will benefit scientists, students, practitioners, lecturers and other interested parties. At the same time, the topics covered are relevant to a variety of scientific and engineering disciplines, including civil, materials and mechanical engineering.