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Sommario/riassunto	This book gathers the best peer-reviewed papers presented at the Italian Concrete Conference, held in Naples, Italy, on October 12-15, 2022. The conference topics encompass the aspects of design, execution, rehabilitation, and control of concrete structures, with particular reference to theory and modeling, applications and realizations, materials and investigations, technology, and construction techniques. The contributions amply demonstrate that today's structural concrete applications concern not only new constructions, but more and more rehabilitation, conservation, strengthening, and seismic upgrading of existing premises, and that requirements cover new aspects within the frame of sustainability, including environmental friendliness, durability, adaptability, and reuse of works and/or materials. As such, the book represents an invaluable, up-to-the-minute tool, providing an essential overview of structural concrete, as well as all new materials with cementitious matrices