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Nota di contenuto	Intro -- Preface -- Contents -- Assessment of the Endurance of the Normal Sections of Reinforced Concrete Bending Elements by the Method of Maximum Stresses -- 1 Introduction -- 2 Materials and Methods -- 3 Results -- 4 Discussion -- 5 Conclusion -- References -- Study of Physical and Mechanical Properties of Asphalt Concrete with the Addition of Artificial Asphaltite -- 1 Introduction -- 2 Materials and Methods -- 2.1 Experiment Program -- 2.2 Selection of the Composition of the Asphalt Concrete Mixture -- 2.3 Preparation of Laboratory Modified Sample -- 3 Results -- 4 Discussion -- 5 Conclusions -- References -- Experimental Studies of the Endurance of Reinforced Concrete Beams -- 1 Introduction -- 2 Materials and Methods -- 3 Results -- 4 Discussion -- 5 Conclusion -- References -- Bearing Capacity of a Glass Facade Systems, Including Stiffness of Nodes and Work of Filling -- 1 Introduction -- 2 Methods -- 2.1 Experimental Study -- 2.2 Numerical Study -- 3 Results

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Sommario/riassunto

This book gathers selected contributions in the field of civil and construction engineering, as presented by international researchers and engineers at the 3rd International Scientific Conference on Socio-Technical Construction and Civil Engineering (STCCE), held in Kazan, Russia on April 21-29 2022. The book covers a wide range of topics including building constructions and structures, bridges, roads and tunnels, building materials and products, energy efficiency and thermal protection of buildings, ventilation, air conditioning, gas supply and lighting in buildings, innovative and smart technologies in construction, transport system development. The contributions, which were selected by means of a rigorous international peer-review process, highlight numerous exciting ideas that will spur novel research directions and foster multidisciplinary collaborations.
