1. Record Nr. UNINA9911007179203321 Autore Nenadálová Sárka Titolo Concrete Structures and Structural Elements in Modern Construction Pubbl/distr/stampa Zurich:,: Trans Tech Publications, Limited,, 2024 ©2024 **ISBN** 3-0357-3665-0 Edizione [1st ed.] Descrizione fisica 1 online resource (131 pages) Altri autori (Persone) JohováPetra HamplováKateina Disciplina 624.1834 Soggetti Concrete construction Structural engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Intro -- Concrete Structures and Structural Elements in Modern Construction -- Preface -- Table of Contents -- Implementation of Large-Format 3D Façade Components Using Glass Fibre Reinforced Concrete: SOB Hradec Králové, C& -- A Zürich, Illuster Uster --Analysis of Position Effect of Vertical Load-Bearing Elements for Reinforcement of Steel Reinforced Concrete Floor Structures --Optimization of Reinforced Concrete Structures in Terms of Environmental Impacts, Durability and Cost -- Theory of the Second Order for Braced and Bracing Columns -- Limits for the Punching Shear Capacity of the Flat Slabs Reinforced with Transverse Reinforcement --Temperature Measurement in Massive Concrete Structures --Investigations on Blast Performance of Steel-Concrete Composite Structures -- Dependence of a Steel-concrete-Steel Sandwich Structure Behavior under Pure In-Plane Shear Loading on the Reinforcement Ratio -- Experimental Study of Cast in Anchors Embedded in UHPFRC --Load-Bearing Capacity of Bended FRP Reinforcement with Various Anchorage Lengths -- Aspects Affecting the Quality of Masonry Buildings and Innovations in Masonry -- Production of Steel-Concrete Composite UHPFRC Elements for Experimental Tests of the Blast

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