1. Record Nr. UNINA9910461063203321 Composite construction in steel and concrete VI [[electronic resource]]: **Titolo** proceedings of the 2008 Composite Construction in Steel and Concrete Conference VI, July 20-24, 2008 [Devil's Thumb Ranch] Tabernash, Colorado // [sponsored by Engineering Conferences International and the Structural Engineering Institute (SEI) of the American Society of Civil Engineers]; edited by Roberto T. Leon ... [et al.] Reston, VA,: American Society of Civil Engineers, c2011 Pubbl/distr/stampa **ISBN** 0-7844-7652-7 Descrizione fisica 1 online resource (803 p.) Altri autori (Persone) LeonRoberto T Disciplina 624.18 Soggetti Composite construction Building, Iron and steel Concrete construction Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and indexes. Nota di bibliografia ""Cover""; ""Contents""; ""Shear Connection""; ""Prediction of Shear Nota di contenuto Resistance of Headed Studs in Troughs of Profiled Sheeting""; ""Lifetime Oriented Design Concepts of Steel-Concrete Composite Structures Subjected to Fatigue Loading""; ""Headed Studs Close to the Concrete Surfacea€?Fatigue Behaviour and Application""; ""Fatigue Behavior of Shear Connectors in High Performance Concrete"; ""Cyclic Performances of Shear Connectors"; ""New Steel-Concrete Shear Connection for Composite Bridges""; ""Continuous Shear Connectors in Bridge Construction"" ""Effects of Group Arrangement on the Ultimate Strength of Stud Shear Connection"""Slab Systems""; ""Innovative Shear Connectors for a New Prestressed Composite Slab System for Buildings with Multiple HVACR Installations""; ""Composite Slab with Integrated Installation Floor Using Cellular Beams""; ""Steel Fibre Reinforced Continuous Composite

Slabs""; ""Elemental Bending Test and Modeling of Shear Bond in Composite Slabs""; ""Composite Beams""; ""Ductility of Composite

Beams with Trapezoidal Composite Slabs""

""Effect of Strain Profiles on the Behavior of Shear Connectors for Composite Steel-Concrete Beams"""Design Model for Continuous Composite Beams with Web Openings""; ""Efficient Design for the Calculation of the Deflection and the Shear Force Capacity of Slim-Floor Girder""; ""The Multi-Storey Car Park for the ""Neue Landesmesse"" in Stuttgart over Highway A8, Germany""; ""Design and Testing of Two Composite Underspanned Beams""; ""Composite Columns""; ""Flexural Behaviour of Concrete-Filled Thin-Walled Steel Tubes with Longitudinal Reinforcement""

""Behavior of Composite CFT Beam-Columns Based on Nonlinear Fiber Element Analysis"""Structural Design of Concrete Filled Steel Elliptical Hollow Sections""; ""Seismic Performance of Composite EWECS Columns in New Hybrid Structural System""; ""Design of Composite Columnsa€? Steel, Concrete, or Composite Approach?""; ""Strength of Concrete Filled Steel Tubes under High-Strain Rate Loading""; ""Strength of Concrete Filled Historic Cast-Iron Columns""; ""Concrete-Filled Steel Tube Columnsa€?Tests Compared with Eurocode 4""

""Design of Composite Columns Made of Concrete Filled Tubes with Inner Massive Core Profiles and High Strength Materials"""Foundations and Column Bases""; ""Design of Anchor Plates Based on the Component Method""; ""An Economical and Efficient Foundation Connection for Concrete Filled Steel Tube Piers and Columns""; ""Using Steel Fiber Reinforced Cementitious Composite (SFRCC) in Shallow Embedded Column Base""; ""Codes and Structures""; ""Composite Buildings in Germany""; ""Composite Bridges in Germany Designed According to Eurocode 4-2""; ""Where Structural Steel and Concrete Meet""

""Harmonization of Design Rules in Europe""