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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""

Sommario/riassunto

Proceedings of the Sixth International Conference on Composite Construction in Steel and Concrete, held at the Devil's Thumb Ranch in Tabernash, Colorado, July 20-24, 2008. Sponsored by Engineering Conferences International; the Structural Engineering Institute of ASCE. This collection contains 63 technical papers representing the state of the art in composite construction worldwide. Topics include: composite bridges, composite slabs, shear connectors, composite columns, innovative composite structural systems, fire and seismic resistance of composite structural systems, and practical applications.
