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Simplified Design of Reinforced Concrete Buildings (EB204) By Kamara, M.E. and Novak, L.C. This new, fourth edition presents practicing engineers with time saving analysis, design, and detailing methods of primary framing members of a reinforced concrete building.

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NCHRP Web-Only Document 78 (Project 12-61): Contractor's Final Report--Appendixes Simplified Shear Design of Structural Concrete Members Appendixes

Simplified Shear Design of Structural Concrete Members

Simplified Design of Composite Columns, Based on a Comparative Study of the Development of Building Regulations in Germany and the United States Holger Eggemann INTRODUCTION This paper refers to composite columns of structural steel, concrete and reinforcing steel. Three basic types of composite columns can be distinguished, completely encased sections, partially encased sections, and concrete ...

Simplified Design of Composite Columns, Based on a

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Considering the similarity of reinforced masonry and reinforced concrete two new simplified design models have been developed in Darmstadt on the basis of the varying non-linear material behavior of different masonry types (Graubner and Glock 2004, Glock and Graubner 2002). The simplified concept for the approximation of lateral wall 1 Prof. Dr.-Ing. Carl-Alexander Graubner, Darmstadt University of Technology, Institute

SIMPLIFIED DESIGN MODEL FOR REINFORCED MASONRY

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Verification of Simplified Optimum Designs for Reinforced

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