

Design of concrete structures with stress fields

Birkhäuser - Design of Concrete Structures with Stress Fields

Description: -

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Strains and stresses.

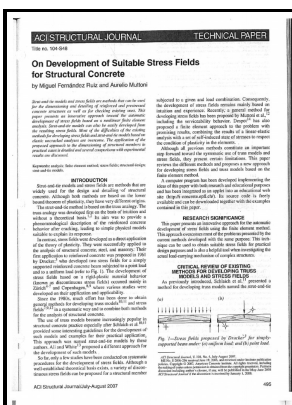
Structural design.

Reinforced concrete construction.Design of concrete structures with stress fields

-Design of concrete structures with stress fields

Notes: Includes bibliographical references (p. 137-140) and index.

This edition was published in 1997



Filesize: 57.89 MB

Tags: #Design #of #Concrete #Structures
#with #Stress #Fields

Compatible stress field design of structural concrete

Simple and, above all, clear models in the form of stress fields, consistently based on the theory of plasticity are developed to determine the statical action and the strength. In particular, the webs and flanges of beams, simple walls, brackets, bracing beams and joints of frames are investigated. The results of the CSFM for a set of verification examples are presented and discussed, during which the influence of the main parameters of the method and its underlying models are also covered.

Design of Concrete Structures with Stress Fields by Joseph Schwartz, Aurelio Muttoni and Bruno Thürlimann (2011, Trade Paperback) for sale online

During this time, he directed numerous structural engineering projects for buildings and bridges, participated successfully in many bridge design competitions, and was involved in a large number of expert appraisals.

Design of Concrete Structures with Stress Fields: Muttoni, Aurelio, Schwartz, Joseph, Thürlimann, Bruno: 9783034898850: me.stfw.info.cdn.cloudflare.net: Books

In chapter 4 it is shown that this method is suitable for the design of reinforced concrete structures, and the consequence of the choice of the final structural system on the structural behavior is dealt with in detail. He obtained his degrees from ETH Zurich in 1992 dipl.

Design of concrete structures with stress fields (1997 edition)

These models are then used to design and detail the structural components and connections.

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Design of Concrete Structures with Stress Fields by Joseph Schwartz, Aurelio Muttoni and Bruno Thürlimann (2011, Trade Paperback) for sale online

By this means, the majority of design cases are already covered.

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Throughout the text references are made to the pertinent literature.

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