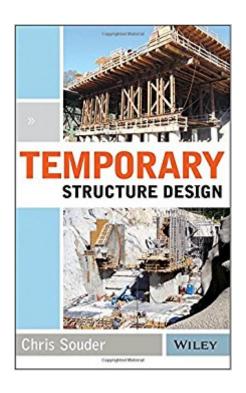
The book was found

Temporary Structure Design





Synopsis

A comprehensive guide to temporary structures in construction projects Temporary Structure Design is the first book of its kind, presenting students and professionals with authoritative coverage of the major concepts in designing temporary construction structures. Beginning with a review of statistics, it presents the core topics needed to fully comprehend the design of temporary structures: strength of materials; types of loads on temporary structures; scaffolding design; soil properties and soil loading; soldier beam, lagging, and tiebacks; sheet piling and strutting; pressure and forces on formwork and falsework; concrete formwork design; falsework; bracing and guying; trestles and equipment bridges; and the support of existing structures. Temporary structures during construction include scaffolding, formwork, shoring, ramps, platforms, earth-retaining structures, and other construction structures that are not part of the permanent installation. These structures are less regulated and monitored than most other parts of the construction process, even though they are often supporting tons of steel or concreteâ "and the safety of all workers on the site depends on these structures to perform as designed. Unfortunately, most tragic failures occur during construction and are usually the result of improperly designed, constructed, and/or maintained temporary structures. Temporary Structure Design fills an important need in the literature by providing a trusted, comprehensive guide to designing temporary construction structures. Serves as the first book to provide a design-oriented approach to the design of temporary structures Includes coverage of the various safety considerations inherent in temporary structure design and construction Provides information on estimating cost and schedules for these specialized structures Covers formwork and falsework, as well as personnel protection, production support, environmental protection, and foundational structures If you're a student or a professional working in the field of construction or structural engineering, Temporary Structure Design is a must-have resource you'll turn to again and again.

Book Information

Hardcover: 456 pages

Publisher: Wiley; 1 edition (November 10, 2014)

Language: English

ISBN-10: 111890558X

ISBN-13: 978-1118905586

Product Dimensions: 6.4 x 1.2 x 9.6 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars Â See all reviews (2 customer reviews)

Best Sellers Rank: #757,075 in Books (See Top 100 in Books) #367 in Books > Engineering &

Transportation > Engineering > Civil & Environmental > Structural #667 in Books > Textbooks >

Engineering > Civil Engineering

Customer Reviews

Exactly what I needed for class.

Excellent!

Download to continue reading...

Temporary Structure Design Understanding Postpartum Psychosis: A Temporary Madness Naked in Public: A Memoir of Recovery From Sex Addiction and Other Temporary Insanities A Visitor's Guide to Hell: A Manual for Temporary Entrants and Those Who Would Prefer to Avoid Eternal Damnation The Freelance Lawyering Manual: What Every Lawyer Needs to Know about the New Temporary Attorney Market Temporary Help: Poems (Minnesota Voices Project; 84) The Temporary Agent (The Agent Series) Polypropylene Structure, blends and composites: Volume 1 Structure and Morphology Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A Feng Shui: Wellness and Peace- Interior Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home decor, prosperity) Design Integration Using Autodesk Revit 2015: Architecture, Structure and MEP Seismic Analysis and Design for Soil-Pile-Structure Interactions: Proceedings of a Session Sponsored by the Committee on Geotechnical Earthquake ... of Civil (Geotechnical Special Publication) Applied Statics, Strength of Materials, and Building Structure Design Drug-Like Properties, Second Edition: Concepts, Structure Design and Methods from ADME to Toxicity Optimization Structure-based Design of Drugs and Other Bioactive Molecules: Tools and Strategies Anti-Cancer Molecules: Structure, Function, and Design (Annals of the New York Academy of Sciences) Refining Design for Business: Using analytics, marketing, and technology to inform customer-centric design (Graphic Design & Visual Communication Courses) Algorithms: C++: Data Structures, Automation & Problem Solving, w/ Programming & Design (app design, app development, web development, web design, iquery, ... software engineering, r programming) 2012 Wood Design Package - including the National Design Specification® for Wood Construction (NDS®) & NDS Supplement: Design Values for Wood Construction (4 volumes set) Bathroom Design/Badezimmer Design/Design De Salle De Bains/Banos De Diseno (Designpocket) (Multilingual Edition)

