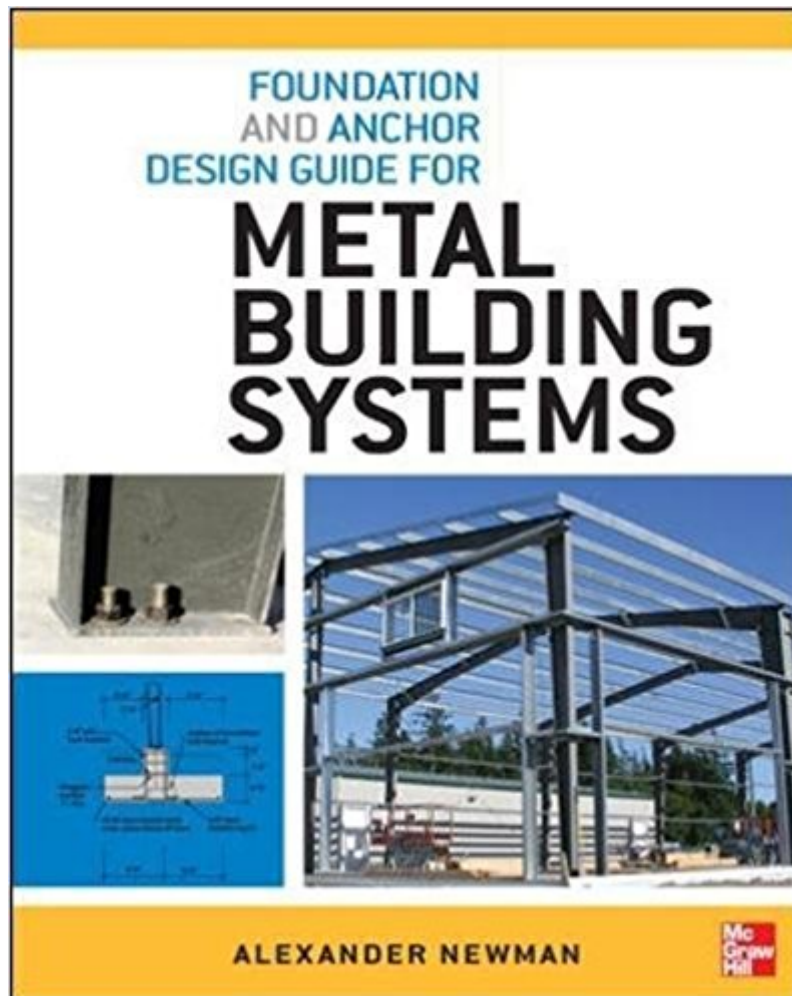




Ebook Directory
the best source of ebook

The book was found

Foundation And Anchor Design Guide For Metal Building Systems



Synopsis

MEET THE COMPLEX CHALLENGES OF METAL BUILDING SYSTEMS FOUNDATION DESIGN

Expand your professional design skills and engineer safe, reliable foundations and anchors for metal building systems. Written by a practicing structural engineer, *Foundation and Anchor Design Guide for Metal Building Systems* thoroughly covers the entire process--from initial soil investigation through final design and construction. The design of different types of foundations is explained and illustrated with step-by-step examples. The nuts-and-bolts discussion covers the best design and construction practices. This detailed reference book explains how the design of metal building foundations differs from the design of conventional foundations and how to comply with applicable building codes while avoiding common pitfalls. **COVERAGE INCLUDES:** Metal building and foundation design fundamentals Soil types, properties, and investigation Unique aspects of foundation design for metal building systems Design of isolated column footings Foundation walls and wall footings Tie rods, hairpins, and slab ties Moment-resisting foundations Slab with haunch, trench footings, and mats Deep foundations Anchors in metal building systems Concrete embedments in metal building systems

Book Information

Paperback: 320 pages

Publisher: McGraw-Hill Education; 1 edition (October 9, 2012)

Language: English

ISBN-10: 0071766359

ISBN-13: 978-0071766357

Product Dimensions: 7.5 x 0.9 x 9.2 inches

Shipping Weight: 15.2 ounces (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 11 customer reviews

Best Sellers Rank: #419,673 in Books (See Top 100 in Books) #61 in [Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Contracting](#) #167 in [Books > Engineering & Transportation > Engineering > Reference > Architecture > Methods & Materials](#) #218 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural](#)

Customer Reviews

Alexander Newman, P.E., F.ASCE is a managing engineer in the Natick, Massachusetts, office of Exponent Failure Analysis Associates, where he is responsible for building collapse and failure

investigations around the country. He has more than 30 years of professional experience and has been involved with design and renovation of numerous construction projects around the country. Mr. Newman is one of the country's foremost experts on metal building systems. He is the author of Structural Renovation of Buildings: Methods, Details, and Design Examples, and Metal Building Systems: Design and Specifications, now in its second edition and translated into Chinese.

I took a foundation design course taught by Alexander Newman in 2008. At the time, his Metal Building Systems book was a bit out of date. He had a course workbook that contained newer information, but the material was still in draft and some of it handwritten. I just bought this new edition of his book, and find it to be superb. The examples he had in the 2008 workshop are now well documented and easy to follow. You can also apply his design principles to other types of building structures.

Found this to be a very well written / easily understandable reference. Some of the calculations took some time to sort through because I hadn't seen the equations for a while, but the issue was my lack of familiarity with the subject matter, not the presentation of the information. The only thing that would have made it easier for me would have been if the sample problems would have been in MathCAD so that you could see the unit conversions as they happened vice backing into them using the text/numbers provided. As you see, I still rate it a 5-star reference and will keep it handy on my bookshelf of reference materials.

Excellent Design guide. Although an older Code edition, nevertheless helpful as a Design Guide.

Best book out there for MBS, all you ever wanted to know about foundations for them

Great reference book for anyone that is unfamiliar with the design of these structures (like myself).
Very straightforward, but complete and detailed.

Very Good

Great product!

GREAT PRODUCT

[Download to continue reading...](#)

Foundation and Anchor Design Guide for Metal Building Systems The Hidden Dimension (Anchor Books a Doubleday Anchor Book) Foundation, Foundation and Empire, Second Foundation Heavy Metal Rhythm Guitar: The Essential Guide to Heavy Metal Rock Guitar (Learn Heavy Metal Guitar) (Volume 1) Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide: (CCNP ROUTE 300-101) (Foundation Learning Guides) Graphic Design Success: Over 100 Tips for Beginners in Graphic Design: Graphic Design Basics for Beginners, Save Time and Jump Start Your Success (graphic ... graphic design beginner, design skills) Progressive Metal Guitar: An Advanced Guide to Modern Metal Guitar Metal Detecting for Kids: An Easy Guide for Finding Buried Treasures With a Metal Detector The Heavy Metal Guitar Bible: The Complete Guide to Modern Heavy Metal Guitar Learn to Weld: Beginning MIG Welding and Metal Fabrication Basics - Includes techniques you can use for home and automotive repair, metal fabrication projects, sculpture, and more Weeds of the South (Wormsloe Foundation Nature Book) (Wormsloe Foundation Nature Book Ser.) The New Wider World: Foundation Edition (Foundation Editions Series) Sheet Metal Handbook: How to Form and Shape Sheet Metal for Competition, Custom and Restoration Use Heavy Metal Africa: Life, Passion, and Heavy Metal in the Forgotten Continent Full Metal Jackie Certified: The 50 Most Influential Heavy Metal Songs of the 80s and the True Stories Behind Their Lyrics Lithium Metal Anodes and Rechargeable Lithium Metal Batteries (Springer Series in Materials Science) Transition Metal Complexes as Drugs and Chemotherapeutic Agents (Catalysis by Metal Complexes) Precious Metal: Decibel Presents the Stories Behind 25 Extreme Metal Masterpieces Metal Bible NLT: Silver Cross (Heavy Metal Bible Series) Metal Bible NLT: Silver Thirsty (Heavy Metal Bible Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)