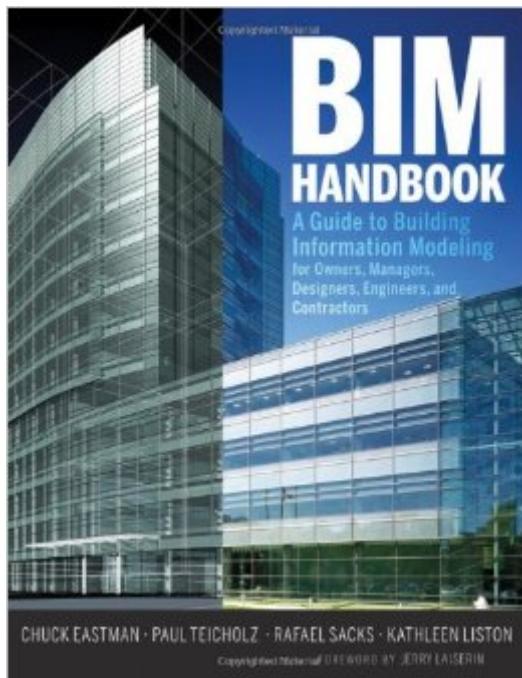


The book was found

BIM Handbook: A Guide To Building Information Modeling For Owners, Managers, Designers, Engineers And Contractors



Synopsis

Discover BIM: A better way to build better buildings. Building Information Modeling (BIM) is a new approach to design, construction, and facility management in which a digital representation of the building process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. *BIM Handbook: A Guide to Building Information Modeling for Owners, Managers, Designers, Engineers, and Contractors* provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team.

The Handbook: Introduces Building Information Modeling and the technologies that support it. Reviews BIM and its related technologies, in particular parametric and object-oriented modeling, its potential benefits, its costs, and needed infrastructure. Explains how designing, constructing, and operating buildings with BIM differs from pursuing the same activities in the traditional way using drawings, whether paper or electronic. Discusses the present and future influences of BIM on regulatory agencies; legal practice associated with the building industry; and manufacturers of building products. Presents a rich set of BIM case studies and describes various BIM tools and technologies. Shows how specific disciplines?owners, designers, contractors, and fabricators?can adopt and implement BIM in their companies. Explores BIM's current and future impact on industry and society. Painting a colorful and thorough picture of the state of the art in Building Information Modeling, the BIM Handbook guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to build better buildings, that consume fewer materials, and require less time, labor, and capital resources.

Book Information

Hardcover: 504 pages

Publisher: Wiley; 1 edition (March 3, 2008)

Language: English

ISBN-10: 0470185287

ISBN-13: 978-0470185285

Product Dimensions: 7.8 x 1.3 x 9.4 inches

Shipping Weight: 2.3 pounds

Average Customer Review: 4.4 out of 5 starsÂ See all reviewsÂ (21 customer reviews)

Best Sellers Rank: #1,236,164 in Books (See Top 100 in Books) #149 inÂ Books > Business &

Money > Processes & Infrastructure > Facility Management #287 in Books > Computers & Technology > Computer Science > Computer Simulation #621 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural

Customer Reviews

In the BIM Handbook (A Guide to Building Information Modeling for Owners, Managers, Designers, Engineers and Contractors), a remarkably knowledgeable and credentialed team of authors has provided a sound, thoroughly researched and comprehensible review of the technology, the market drivers and the business transformation issues surrounding Building Information Modeling (BIM). This book is a must-read for anyone involved in the design, construction or operation of buildings who needs to understand and apply effectively the emerging BIM tools and techniques. University professors of architecture, engineering and construction will find this an excellent text for introducing BIM to the emerging generation of design and construction professionals. The concepts underlying BIM have been evolving for a quarter century, as the book makes clear. In the past few years, however, market drivers and technology advances have converged to produce software tools that have an extraordinary positive impact on the design and construction of buildings. In the industry scramble to take advantage of this potential, there has been much confusion about what BIM is, how to use it and who benefits from it. The BIM Handbook tackles all three questions. The Second Edition (2011) has introduced important refinements, updates and new information. Every chapter has been updated, but two are of special note. Chapter 2, which addresses BIM Design Tools and Parametric Modeling, has been expanded to include a very complete yet palatable explanation of how building information modeling software works. The explanation is designed to assist professionals in understanding BIM software performance issues and in making intelligent choices when selecting that software.

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

BIM Handbook: A Guide to Building Information Modeling for Owners, Managers, Designers, Engineers and Contractors Working With Independent Contractors (Working with Independent Contractors: The Employer's Legal Guide) BIM and Construction Management: Proven Tools, Methods, and Workflows Physics for Scientists and Engineers, Vol. 1: Mechanics, Oscillations and Waves, Thermodynamics (Physics for Scientists & Engineers, Chapters 1-21) Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Pricing and Cost Accounting: A Handbook for Government Contractors Facebook for Business Owners: Facebook Marketing for Fan Page Owners and Small Businesses, Social Media Marketing,

Volume 2 Occupational Safety and Health for Technologists, Engineers, and Managers (8th Edition)
Restaurant Owners Uncorked: Twenty Owners Share Their Recipes for Success Technical Sales
Tips: Time Tested Advice for Sales Engineers, Technical Account Managers and Systems
Consultants Women of Steel and Stone: 22 Inspirational Architects, Engineers, and Landscape
Designers (Women of Action) Scrum Essentials: Agile Software Development and Agile Project
Management for Project Managers, Scrum Masters, Product Owners, and Stakeholders The Pocket
Universal Principles of Design: 150 Essential Tools for Architects, Artists, Designers, Developers,
Engineers, Inventors, and Makers IMAGINE DESIGN CREATE: How Designers, Architects, and
Engineers Are Changing Our World Mastering Automotive Digital Marketing: A training guide for
Dealer Principals, General Managers, and Digital Marketing Managers Guide to Contract Pricing:
Cost and Price Analysis for Contractors, Subcontractors, and Governement Agencies, 5th edition
NASCLA Contractors Guide to Business, Law and Project Management (Georgia 2nd Edition) Drug
Information Handbook: A Clinically Relevant Resource for All Healthcare Professionals (Drug
Information Handbook (Domestic Ed)) Financial Management for Nurse Managers and Executives,
4e (Finkler, Financial Management for Nurse Managers and Executives) Planning Office Spaces: A
Practical Guide for Managers and Designers

[Dmca](#)