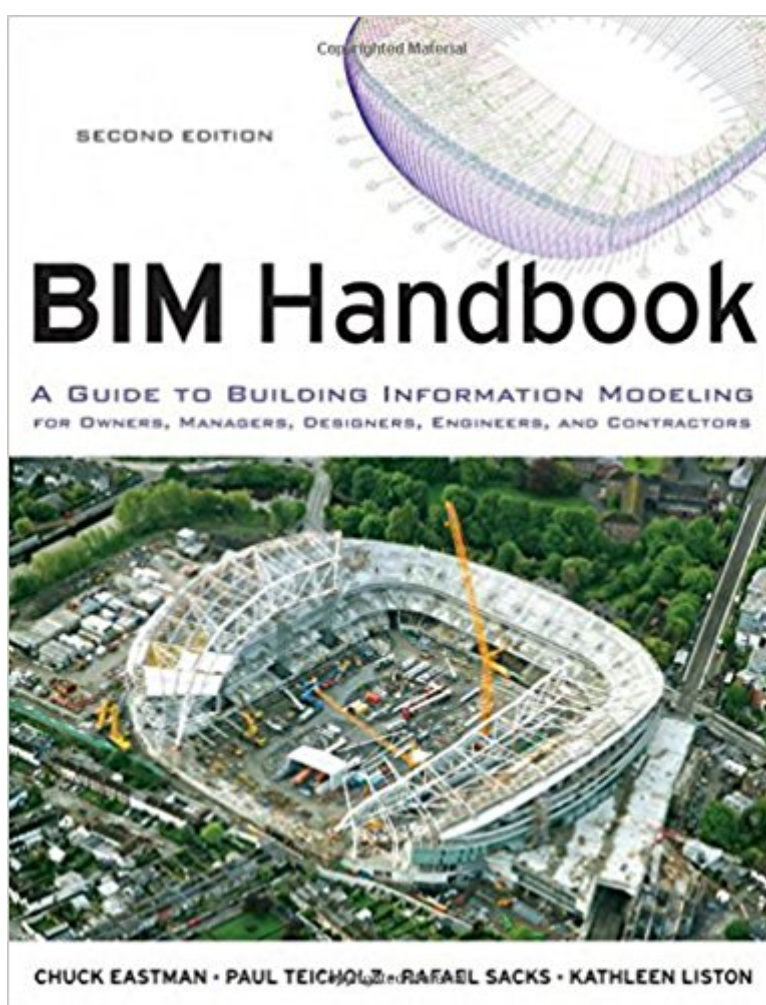


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BIM Handbook: A Guide To Building Information Modeling For Owners, Managers, Designers, Engineers And Contractors



Synopsis

"The BIM Handbook is an extensively researched and meticulously written book, showing evidence of years of work rather than something that has been quickly put together in the course of a few months. It brings together most of the current information about BIM, its history, as well as its potential future in one convenient place, and can serve as a handy reference book on BIM for anyone who is involved in the design, construction, and operation of buildings and needs to know about the technologies that support it. The need for such a book is indisputable, and it is terrific that Chuck Eastman and his team were able to step up to the plate and make it happen. Thanks to their efforts, anyone in the AEC industry looking for a deeper understanding of BIM now knows exactly where to look for it." —AECbytes book review, August 28, 2008

(www.aecbytes.com/review/2008/BIMHandbook.html) Discover BIM: A better way to build better buildings Building Information Modeling (BIM) offers a novel 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. The BIM Handbook, Second Edition 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. Updates to this edition include: Completely updated material covering the current practice and technology in this fast-moving field Expanded coverage of lean construction and its use of BIM, with special focus on Integrated Project Delivery throughout the book New insight on the ways BIM facilitates sustainable building New information on interoperability schemas and collaboration tools Six new case studies Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM Handbook, Second Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

Book Information

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Customer Reviews

"The BIM Handbook bills itself as a "guide", but it is also a history—TMa compendium of case studies, a detailed look at the underlying software and other technology, and a forward-looking analysis of how BIM will exert increasing influence on the way buildings are designed, constructed, and operated." (Civil Engineering, July 2008)

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.

Good BIM book. All the other BIM books are general, this one is detailed.

Excellent for Academia. Lot of Case studies. Excellent explanation of BIM concepts and need of the hour.

Good book, handy reference!

that is interesting book

This is clearly the most comprehensive book to date on the subject of building information modeling. It covers the entire spectrum and provides many comparative analyses of existing products, to help you make an educated choice of tools.

appropriate technical book for purpose

really a text book but good info.

Excellent conditions

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