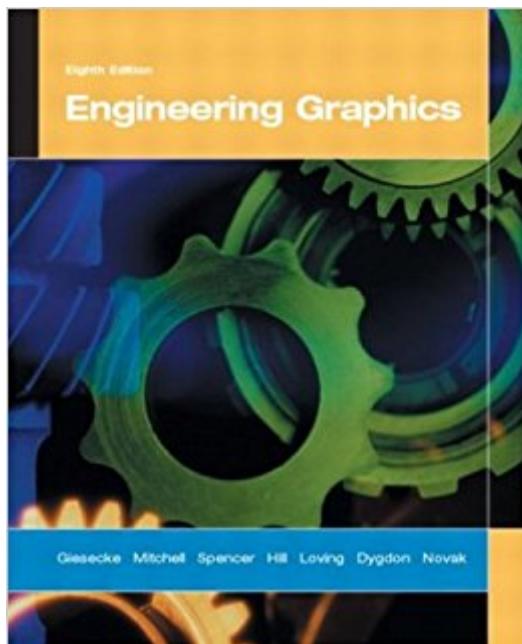The book was found

Engineering Graphics (8th Edition)

Synopsis

For courses in Engineering Graphics/Technical Drawing and Drafting/Technical Sketching. This authoritative text dominates the market by offering the best coverage of basic graphics principles and an unmatched set of fully machineable working drawings. Its practical, well illustrated, step-by-step explanations of procedures have successfully trained students for 60 years, and continue to appeal to todays visually oriented students. - Instructors Manual - Includes teaching tips, quiz questions and a CD ROM with answer files for over 400 drawings, plus all the art from the text in pdf format. - Increased coverage of design processes in Chapter 14 - From the basics of design to 3-D solid modeling, and parametric or constraint based modeling. - Completely revised chapter on manufacturing processes. much needed modernization of important chapter. - Over 40 new problems. - - Coverage of Geometric Dimensioning and Tolerancing. - Extensive updating of text graphics. - Graphics Spotlight feature. - - FREE Student CD - Includes classic Glesecke chapters on Graphs and Diagrams and Alignment charts, along with 40 animation concepts, provides important reference material and keeps book size sm

Book Information

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Customer Reviews

The new edition of this book continues to provide thorough coverage of technical drawing and design, descriptive geometry, graphs and graphical computation, and computer graphics. It contains a wide range of problems and can be used as a reference manual. Expanded coverage of computer graphics introduces readers to this emerging and powerful technology. The authors have

incorporated new industriad practices, trends, and developments. The increased emphasis on the design function of the engineer is evident throughout. --This text refers to an out of print or unavailable edition of this title.

PREFACE ABOUT THIS BOOK Over the last sixty years, Engineering Graphics has taught well over a million students the practices and techniques of graphical communication. Both instructors and their students have come to depend on this text as the authority on the subject, and most students have used this book as a professional reference long after they have finished taking this course. Why has this book been so successful? First, the main goal of the text has always been to explain each principle so clearly that the student is certain to understand it, and to make the text interesting enough to encourage all students to read and study on their own. Secondly, this book has also had what are unquestionably the best, most detailed, and accurate set of drawings on the market. A student skilled with this book's drawings will have a full repertoire of graphical skills in his or her hands. Lastly Engineering Graphics has continually sought to address the new technologies, and the skills that constantly change this field. By doing so, this text prepares students to enter the marketplace and face the challenges of a rapidly changing playing field. THE SEVENTH EDITION The Seventh Edition of Engineering Graphics continues to offer the best coverage of basic graphics principles available. Edition after edition, this text serves as the authoritative source on the subject. With this new version, we have acted upon the requests of over 30 reviewers to improve certain aspects of the book while preserving its core presentation. In particular, this new volume features:Greatly increased coverage of design process in chapter 14. This chapter now includes coverage of 3-D solid modeling, and parametric or constraint based modeling. Thoroughly revised chapter on manufacturing processes. We especially thank Professor Serope Kalpakjian of the Illinois Institute of Technology and the author of Manufacturing Engineering and Technology for his assistance with this chapter. Over 50 brand new problems — These problems feature parts that are not cast iron and that from a variety of industries. Material on Instrumental Drawing and Lettering condensed to one chapter. New coverage of Geometric Dimensioning and Tolerancing. Extensive updating of text graphics to comply to most recent ANSI standards. New "Graphics Spotlights" feature that highlights a particular use of graphics in industry. A decrease in the overall size of the book — Instructors have told us that students are finding books too large. However, they want their students to have access to important reference material. To achieve both these goals, we have eliminated chapters on Graphs and Diagrams and Alignment Charts included in the last edition, and included them in Adobe pdf format on a free CD. This CD also contains over 30

animations of graphics concepts. Updated web site prenhall/giesecke now includes even more questions for review, as well as a new feature available for January of 2000 that lets professors create their own on-line syllabus. Using a simple interface, instructors build a graphic assignment list and use it to interact with their class over the web. This site also features links to other graphics related areas, a selection of animations available for class instruction or student review, an exploration of VRML technology, a case studies exploring how graphics communication is handled at an engineering company, and more. This site will be a constant resource to help instructors and students remain as current as possible. Eight Page Color Insert — To give students a feel for how color is often used in CAD software and other technological processes, but without overloading and obscuring the book's core content, we have included an eight page color insert.

SUPPLEMENTS INSTRUCTOR'S MANUAL WITH SOLUTIONS/RESOURCE CD This new manual prepared by Tom Kane of Pueblo Community College includes outlines, teaching tips, extra quiz questions, and other tools designed to aid in class preparation. In addition, this manual comes with a new CD-ROM containing answer files for over 450 Giesecke drawing problems. The problems are in both dwg and dwf form for easy electronic access and display. This CD also includes pdf files of all art in the text for quick integration in course web pages. Instructors have long asked for this supplement and we are happy to provide it with the new edition. WORKBOOKS Three workbooks with additional problems are available. These workbooks are fully class tested for effectiveness and relevance to the course. They range from having more traditional problems to more modern approaches.Engineering Drawing, Problem Series 1 (ISBN—0-13658536-1): Contains traditional, mechanical workbook problems. Engineering Drawing, Problem Series 2 (ISBN—0-13658881-6): Contains traditional problems with an emphasis on engineering concepts. Engineering Drawing, Problem Series 3, New 2nd Edition (ISBN—0-13-025954-3): The new edition of a workbook by Paige Davis and Karen Juneau of the Louisiana State University. This book contains modern problems, as well as an extensive CAD based project, and comes with its own disk of starter CAD files. WORLDWIDE WEB SITE— prenhall/giesocke – AVAILABLE WITH SYLLABUS BUILDER FOR JANUARY 2000 In order to provide instructors and their students with the most exciting information available, Prentice Hall has created the Giesecke Web Site. This site now includes even more questions for review, as well as a new feature available for January of 2000 that lets professors create their own on-line syllabus. Using a simple interface, instructors build a graphic assignment list and use it to interact with their class over the web. This site features links to other graphics related areas, a selection of animations available for class instruction or student review, an exploration of VRML technology, a case study exploring how

graphics communication is handled at an engineering company, and more. We hope it will be a constant resource to help instructors and students remain as current as possible. PRENTICE HALL NEW YORK TIMES SUPPLEMENT A bi-annual, free collection of articles excerpted from The New York Times covers areas of interest to freshman engineers and drafting students. Contact your Prentice Hall sales rep for a free supply of these supplements. BUNDLES To make the cost of purchasing several books for one course more manageable for students, Prentice Hall offers discounts when you purchase this book with several other Prentice Hall textbooks. Discounts range from up to 20% off the price of the two books purchased separately. At press time, you may bundle this text for discounts with several of our CAD books, including our new AutoCAD 2000 titles Discovering AutoCAD 2000 by Dix/Riley, and AutoCAD 2000 — One Step at a Time (either the Basics or Advanced version) by Timothy Sean Sykes. You may also bundle this book with several books based on older releases of AutoCAD. Users of Pro/ENGINEER, I-DEAS, or SolidWorks may choose to bundle with books by Robert Rizza, Sheryl Sorby, or Robert Lueptow. To request more specific and up-to-date pricing information, get ISBN's for ordering bundles, and learn more about Prentice Hall's offerings in graphics and CAD, either contact your Prentice Hall Sales Rep, or go to prenhall/cadgraphics/. For the name and number of your sales rep, please contact Prentice Hall Faculty Services at 1-800-526-0485. --This text refers to an out of print or unavailable edition of this title.

As much as I hate paying for textbooks, this is one of my favorite books. Although I'm still on the fence of the relevance of hand drafting in the modern days of AutoCAD/Solidworks, this book is a phenomenal resource. It really provides a great understanding of the art of drafting by hand, and helps to fill in the gaps as to the large array of tools available in the modern software. There is something to be said for having the skills and knowledge of drafting in the old days as well as having the know-how to develop your own sketches/drawings to a professional level.This will be one of those textbooks that I keep after I have used it in class. I think it will be a great reference/manual for many years to come.

This book is a little bit old school. A lot of pictures and explanations from last decade. But this make this book awesome. One day you might have to make a project without computer (AutoCad) or whatever, then this book has a good amount of knowledge how to do it. A lot of my friend said it is really oldschool and not helpful nowadays, i would say they are wrong, as an engineer you have to create the project no matter what. Rules are mostly the same. Also this book is helpful if you want to

work globally, it explains how to use different mesuremenst units and standards.

This book was listed as 230 dollars at my campus bookstore. I got it here for about 70 dollars or so! Great price, and the condition is great too!

This will shed light on questions your instructor may omit. A good investment. don't try to pass this class without this book.

very useful book with low cost and the book has no big damages .it is a very good book for CAD students

The book is thorough and very detailed. Lots of graphics to aid in learning. Lots of pages to enhance learning.

The book pictured is not the book I received and I have been unable to get permission to return it.

This text is a classic and has been around a long time, however, it fails to reflect the current state of engineering graphics. A lot of the text covers the basics which is important in the understanding of drawings and documentation, but I don't know anyone who does board drafting anymore. Everything is done in SolidWorks, Pro-E or some other 3D modeling program and this book touches on it, but it is brief and not very infomative. With the technology we have today, this book should spend the second half getting students up to speed on creating models, drawings and assembly drawings in CAD programs rather than how things use to look drawn on paper.

Engineering Graphics (8th Edition) A Practical Guide to Graphics Reporting: Information Graphics for Print, Web & Broadcast Basic Principles and Calculations in Chemical Engineering (8th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Engineering Graphics Essentials Fifth Edition Technical Drawing with Engineering Graphics (15th Edition) Engineering Design Graphics with AutoCAD 2007 (12th Edition) Engineering Design Graphics: Sketching, Modeling, and Visualization, 2nd Edition Technical Drawing with Engineering Graphics (14th Edition) Engineering Graphics Essentials with AutoCAD 2018 Instruction Engineering Graphics Essentials with AutoCAD 2017 Instruction SOLIDWORKS 2017 and Engineering Graphics Engineering Design and Graphics with SolidWorks 2016 Visualization, Modeling, and Graphics for

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