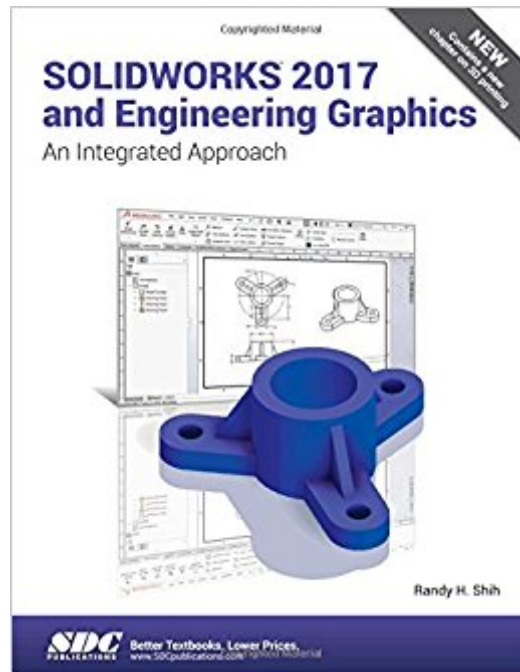




The book was found

SOLIDWORKS 2017 And Engineering Graphics



Synopsis

SOLIDWORKS 2017 and Engineering Graphics: An Integrated Approach combines an introduction to SOLIDWORKS 2017 with a comprehensive coverage of engineering graphics principles. Not only will this unified approach give your course a smoother flow, your students will also save money on their textbooks. What's more, the exercises in this book cover the performance tasks that are included on the Certified SOLIDWORKS Associate (CSWA) Examination. Reference guides located at the front of the book and in each chapter show where these performance tasks are covered. The primary goal of SOLIDWORKS 2017 and Engineering Graphics: An Integrated Approach is to introduce the aspects of Engineering Graphics with the use of modern Computer Aided Design package SOLIDWORKS 2017. This text is intended to be used as a training guide for students and professionals. The chapters in this text proceed in a pedagogical fashion to guide you from constructing basic shapes to making complete sets of engineering drawings. This text takes a hands-on, exercise-intensive approach to all the important concepts of Engineering Graphics, as well as in-depth discussions of parametric feature-based CAD techniques. This textbook contains a series of sixteen chapters, with detailed step-by-step tutorial style lessons, designed to introduce beginning CAD users to the graphics language used in all branches of technical industry. This book does not attempt to cover all of SOLIDWORKS 2017's features, only to provide an introduction to the software. It is intended to help you establish a good basis for exploring and growing in the exciting field of Computer Aided Engineering.

Table of Contents

1. Introduction
2. Parametric Modeling Fundamentals
3. Constructive Solid Geometry Concepts
4. Geometric Constructions
5. Feature Design Tree
6. Geometric Construction Tools
7. Orthographic Projections and Multiview Constructions
8. Dimensioning and Notes
9. Tolerancing and Fits
10. Pictorials and Sketching
11. Section Views & Symmetrical Features in designs
12. Auxiliary Views and Reference Geometry
13. Threads and Fasteners
14. Working Drawings
15. CSWA Exam Preparation
16. Introduction to 3D Printing

Appendix Index

Book Information

Perfect Paperback: 720 pages

Publisher: SDC Publications (March 15, 2017)

Language: English

ISBN-10: 1630570737

ISBN-13: 978-1630570736

Package Dimensions: 11.5 x 8.5 x 1.5 inches

Shipping Weight: 3.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #65,039 in Books (See Top 100 in Books) #6 in Books > Computers & Technology > Graphics & Design > CAD > Solidworks #61 in Books > Computers & Technology > Graphics & Design > Computer Modelling #101 in Books > Arts & Photography > Architecture > Drafting & Presentation

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

SOLIDWORKS 2017 and Engineering Graphics Introduction to Solid Modeling Using SolidWorks 2017 (Engineering Graphics) Engineering & Computer Graphics Workbook Using SOLIDWORKS 2017 Engineering Design and Graphics with SolidWorks 2016 Engineering Graphics with SOLIDWORKS 2016 and Video Instruction SOLIDWORKS 2016 and Engineering Graphics: An Integrated Approach Engineering Design with SOLIDWORKS 2017 and Video Instruction A Practical Guide to Graphics Reporting: Information Graphics for Print, Web & Broadcast Engineering Design with SOLIDWORKS 2016 and Video Instruction SOLIDWORKS 2017 Basic Tools Parametric Modeling with SOLIDWORKS 2017 Introduction to Finite Element Analysis Using SOLIDWORKS Simulation 2017 SOLIDWORKS 2017 for Designers, 15th Edition Beginner's Guide to SOLIDWORKS 2017 - Level I Engineering Graphics Essentials with AutoCAD 2017 Instruction Engineering Design Graphics with Autodesk Inventor 2017 Engineering Graphics with AutoCAD 2017 SOLIDWORKS 2016 Learn by doing-Part 1: Parts, Assembly, Drawings, and Sheet metal SOLIDWORKS 2016 Basic Tools Beginner's Guide to SOLIDWORKS 2016 - Level I

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)