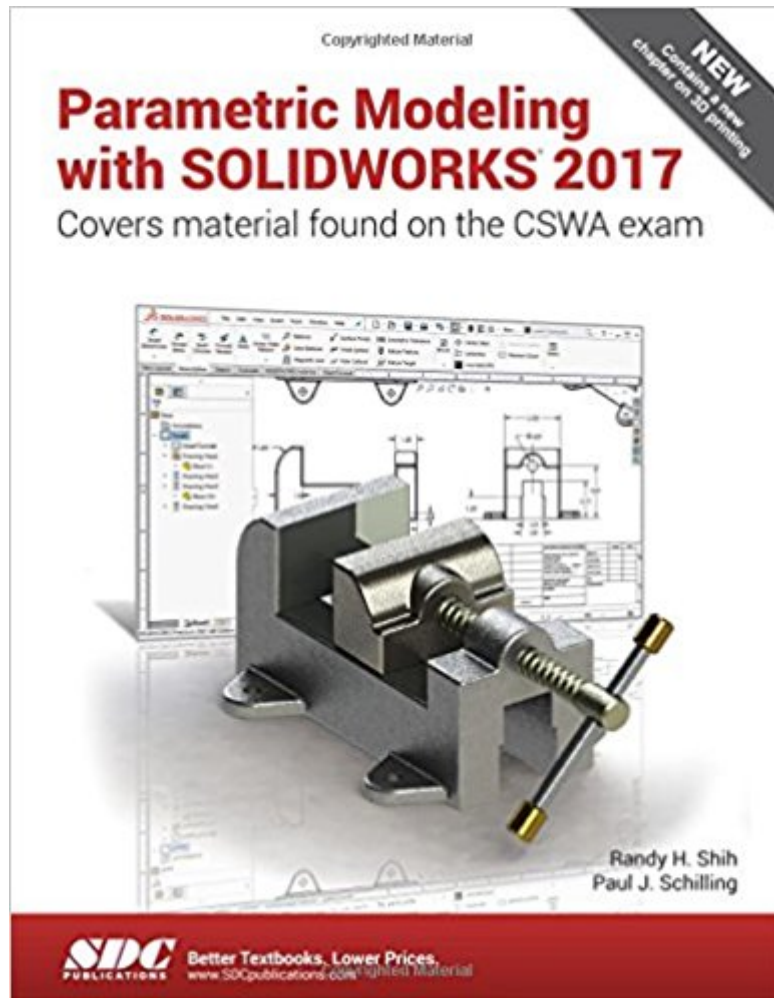


The book was found

Parametric Modeling With SOLIDWORKS 2017



Synopsis

Parametric Modeling with SOLIDWORKS 2017 contains a series of seventeen tutorial style lessons designed to introduce SOLIDWORKS 2017, solid modeling and parametric modeling techniques and concepts. This book introduces SOLIDWORKS 2017 on a step-by-step basis, starting with constructing basic shapes, all the way through to the creation of assembly drawings and motion analysis. This book takes a hands on, exercise intensive approach to all the important parametric modeling techniques and concepts. Each lesson introduces a new set of commands and concepts, building on previous lessons. The lessons guide the user from constructing basic shapes to building intelligent solid models, assemblies and creating multi-view drawings. This book also covers some of the more advanced features of SOLIDWORKS 2017, including how to use the SOLIDWORKS Design Library, basic motion analysis, collision detection and analysis with SimulationXpress. 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.

Table of Contents

Certified SOLIDWORKS Associate (CSWA) Exam Overview

1. Getting started
2. Parametric Modeling Fundamentals
3. Constructive Solid Geometry Concepts
4. Feature Design Tree
5. Geometric Relations Fundamentals
6. Geometric Construction Tools
7. Parent Child Relationships and the BORN Technique
8. Part Drawings and Associative Functionality
9. Reference Geometry and Auxiliary Views
10. Introduction to 3D Printing
11. Symmetrical Features in Designs
12. Advanced 3D Construction Tools
13. Sheet Metal Designs
14. Assembly Modeling - Putting it all Together
15. Design Library and Basic Motion Study
16. Design Analysis with SimulationXpress
17. CSWA Exam Preparation

Index

Book Information

Perfect Paperback: 608 pages

Publisher: SDC Publications (April 14, 2017)

Language: English

ISBN-10: 1630570664

ISBN-13: 978-1630570668

Package Dimensions: 11 x 8.4 x 1.3 inches

Shipping Weight: 3.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #66,558 in Books (See Top 100 in Books) #8 in [Books > Computers &](#)

Technology > Graphics & Design > CAD > Solidworks #67 in [Books > Computers & Technology > Graphics & Design > Computer Modelling #106 in \[Books > Arts & Photography > Architecture > Drafting & Presentation\]\(#\)](#)

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

Parametric Modeling with SOLIDWORKS 2017 Introduction to Solid Modeling Using SolidWorks 2017 (Engineering Graphics) Parametric Modeling with Autodesk Inventor 2018 Parametric Modeling with Autodesk Fusion 360 Introduction to Solid Modeling Using SolidWorks 2016 SOLIDWORKS 2017 Basic Tools SOLIDWORKS 2017 and Engineering Graphics Engineering & Computer Graphics Workbook Using SOLIDWORKS 2017 Introduction to Finite Element Analysis Using SOLIDWORKS Simulation 2017 SOLIDWORKS 2017 for Designers, 15th Edition Engineering Design with SOLIDWORKS 2017 and Video Instruction Beginner's Guide to SOLIDWORKS 2017 - Level I Designing with Creo Parametric 4.0 Creo Parametric 3.0 Tutorial CNC 50 Hour Programming Course: For lathes, ISO Standard functions, Siemens fixed cycles, parametric programming, methods of use Engineering Design and Creo Parametric 4.0 The Model's Bible & Global Modeling Agency Contact List - An Insider's Guide on How to Break into the Fashion Modeling Industry Modeling Agency Tips: Get Listed with Fashion Modeling Agencies and Find Your Dream Job 3ds Max Modeling for Games: Insider's Guide to Game Character, Vehicle, and Environment Modeling: Volume I Atmospheric and Space Flight Dynamics: Modeling and Simulation with MATLAB[®] and Simulink[®] (Modeling and Simulation in Science, Engineering and Technology)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)