

The book was found

# Solidworks 2015 Part II - Advanced Techniques



## Synopsis

SolidWorks 2015 Part II - Advanced Techniques picks up where SolidWorks 2015 Part I - Basic Tools leaves off. Its aim is to take you from an intermediate user with a basic understanding of SolidWorks and modeling techniques to an advanced user capable of creating complex models and able to use the advanced tools provided by SolidWorks. The text covers parts, surfaces, SimulationXpress, sheet metal, top-down assemblies and core and cavity molds. Every lesson and exercise in this book was created based on real world projects. Each of these projects have been broken down and developed into easy and comprehensible steps for the reader. Furthermore, at the end of every chapter there are self test questionnaires to ensure that the reader has gained sufficient knowledge from each section before moving on to more advanced lessons. This book takes the approach that in order to understand SolidWorks, inside and out, the reader should create everything from the beginning and take it step by step.

Table of Contents

Introduction: SolidWorks 2015 User Interface

Advanced Modeling Topics

1. Introduction to 3D Sketch
2. Plane Creation
3. Advanced Modeling 5/8 Spanner
4. Sweep with Composite Curves Helical Ext. Spring Using Variable Pitch
5. Advanced Modeling with Sweep & Loft
6. Loft vs. Sweep Water Meter Housing
7. Loft with Guide Curves Waved Washer
- Advanced Sweep - Wire Form
8. Using Surfaces
- Advanced Modeling Lofted Surface Remote Control Casing
9. Advanced Surfaces Offset Surface & Ruled Surface Using the Deform Feature
10. Using Filled Surfaces Boundary and Freeform Surfaces Sweep with Solid Body
11. Surfaces vs. Solid Modeling Safety Helmet Using PhotoView 360
12. SimulationXpress 5/8 Spanner
- Sheet Metal Topics
13. Sheet Metal Parts Post Cap Sheet Metal Parts Vents
14. Sheet Metal Forming Tools Button with Slots Designing Sheet Metal Parts Mounting Tray
15. Sheet Metal Conversions Sheet Metal Gussets Flat Pattern Stent Stent Sample - Sheet Metal Approach
16. Working with Sheet Metal STEP Files Adding Parts to the Toolbox Library Weldments Structural Members
- Top-Down Assembly Topics
17. Core & Cavity Linear Parting Lines Mold Tooling Non Linear Parting Lines
18. Top-Down Assembly - Miniature Vise
19. Top-Down Assembly Water Control Valve
20. External References & Repair Errors
21. Using Appearances
22. CSWP Core Preparation Practice Glossary Index SolidWorks 2015 Quick-Guides

## Book Information

Paperback: 754 pages

Publisher: SDC Publications; Edition Unstated edition (December 12, 2014)

Language: English

ISBN-10: 1585039284

ISBN-13: 978-1585039289

Product Dimensions: 1.2 x 8.2 x 10.8 inches

Shipping Weight: 3.1 pounds (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 stars [See all reviews](#) (6 customer reviews)

Best Sellers Rank: #196,328 in Books (See Top 100 in Books) #22 in [Books > Computers & Technology > Graphics & Design > CAD > Solidworks](#) #190 in [Books > Computers & Technology > Graphics & Design > Computer Modelling](#) #280 in [Books > Arts & Photography > Architecture > Drafting & Presentation](#)

## Customer Reviews

This book was a good reference to have. However, I found some of important steps the author has left in several chapter. I have trouble to figure out and am experience SolidWorks user. This reason why I give a four stars.

This book gives you very good understanding of advanced capabilities of Solidworks. The examples are not easy to do.

Great book. easy to follow. I am a solidworks assosiate exam holder and this is exactly what ive been missing.

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

Solidworks 2015 Part II - Advanced Techniques SolidWorks 2013 Part II - Advanced Techniques SolidWorks 2011 Part II - Advanced Techniques Official Guide to Certified SolidWorks Associate Exams - CSWA, CSDA, CSWSA-FEA (SolidWorks 2015, 2014, 2013, and 2012) CSWE - Certified SolidWorks Expert Preparation Materials SolidWorks 2010 - 2015 Solidworks 2015 Part I Basic Tools SolidWorks 2015 Learn by doing (Part, Assembly, Drawings, Sheet metal, Surface Design, Mold Tools, Weldments, DimXpert, and Rendering) Official Certified SolidWorks Professional (CSWP) Certification Guide with Video Instruction: SolidWorks 2012-2014 Official Guide to Certified SolidWorks Associate Exams - CSWA, CSDA, CSWSA-FEA (SolidWorks 2012 - 2013) Certified SOLIDWORKS Expert Preparation Materials SOLIDWORKS 2016 SOLIDWORKS 2016 Advanced Techniques Music for Three, Vol. 1: SET of 3 Parts Baroque, Classical & Romantic Favorites - (includes Part 1 in C, Part 2 Viola, Part 3 Cello or Bassoon) Advanced Software Testing - Vol. 3, 2nd Edition: Guide to the ISTQB Advanced Certification as an Advanced Technical Test Analyst Advanced Software Testing - Vol. 2, 2nd Edition: Guide to the ISTQB Advanced Certification as an

Advanced Test Manager SolidWorks 2011 Part I - Basic Tools SolidWorks 2014 Part I - Basic Tools  
SOLIDWORKS 2016 Learn by doing: Part, Assembly, Drawings, Sheet metal, Surface Design, Mold  
Tools, Weldments, DimXpert, and Rendering SolidWorks 2013 Part I - Basic Tools Certified  
SOLIDWORKS Professional Advanced Preparation Material SOLIDWORKS 2015 and Engineering  
Graphics: An Integrated Approach

[Dmca](#)