



Solidworks 2015 Part II - Advanced Techniques

By Paul Tran

Download now

Read Online 

Solidworks 2015 Part II - Advanced Techniques By Paul Tran

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

 [Download Solidworks 2015 Part II - Advanced Techniques ...pdf](#)

 [Read Online Solidworks 2015 Part II - Advanced Techniques ...pdf](#)

Solidworks 2015 Part II - Advanced Techniques

By Paul Tran

Solidworks 2015 Part II - Advanced Techniques By Paul Tran

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

Solidworks 2015 Part II - Advanced Techniques By Paul Tran Bibliography

- Sales Rank: #408078 in Books
- Published on: 2014-12-12
- Original language: English
- Number of items: 1
- Dimensions: 10.75" h x 8.25" w x 1.25" l, 3.10 pounds
- Binding: Paperback
- 754 pages

 [Download Solidworks 2015 Part II - Advanced Techniques ...pdf](#)

 [Read Online Solidworks 2015 Part II - Advanced Techniques ...pdf](#)

Editorial Review

Users Review

From reader reviews:

Shelia Coggins:

Here thing why this kind of Solidworks 2015 Part II - Advanced Techniques are different and reliable to be yours. First of all reading through a book is good however it depends in the content of computer which is the content is as delightful as food or not. Solidworks 2015 Part II - Advanced Techniques giving you information deeper and different ways, you can find any book out there but there is no publication that similar with Solidworks 2015 Part II - Advanced Techniques. It gives you thrill reading through journey, its open up your own eyes about the thing that happened in the world which is probably can be happened around you. You can actually bring everywhere like in recreation area, café, or even in your method home by train. In case you are having difficulties in bringing the branded book maybe the form of Solidworks 2015 Part II - Advanced Techniques in e-book can be your alternate.

Frances Carpenter:

Hey guys, do you really wants to finds a new book to see? May be the book with the headline Solidworks 2015 Part II - Advanced Techniques suitable to you? The particular book was written by well known writer in this era. The particular book untitled Solidworks 2015 Part II - Advanced Techniques is the main of several books which everyone read now. This book was inspired many men and women in the world. When you read this reserve you will enter the new age that you ever know prior to. The author explained their thought in the simple way, thus all of people can easily to recognise the core of this book. This book will give you a large amount of information about this world now. So you can see the represented of the world with this book.

Phil Garcia:

The book untitled Solidworks 2015 Part II - Advanced Techniques contain a lot of information on that. The writer explains your ex idea with easy approach. The language is very simple to implement all the people, so do not worry, you can easy to read the item. The book was compiled by famous author. The author gives you in the new period of time of literary works. You can read this book because you can read on your smart phone, or model, so you can read the book within anywhere and anytime. If you want to buy the e-book, you can open their official web-site in addition to order it. Have a nice read.

Richard Oneal:

As we know that book is very important thing to add our information for everything. By a publication we can know everything we wish. A book is a pair of written, printed, illustrated or even blank sheet. Every year was exactly added. This publication Solidworks 2015 Part II - Advanced Techniques was filled in relation to

science. Spend your extra time to add your knowledge about your technology competence. Some people has different feel when they reading a book. If you know how big advantage of a book, you can experience enjoy to read a e-book. In the modern era like now, many ways to get book which you wanted.

Download and Read Online Solidworks 2015 Part II - Advanced Techniques By Paul Tran #EUOTDMP6GXH

Read Solidworks 2015 Part II - Advanced Techniques By Paul Tran for online ebook

Solidworks 2015 Part II - Advanced Techniques By Paul Tran Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Solidworks 2015 Part II - Advanced Techniques By Paul Tran books to read online.

Online Solidworks 2015 Part II - Advanced Techniques By Paul Tran ebook PDF download

Solidworks 2015 Part II - Advanced Techniques By Paul Tran Doc

Solidworks 2015 Part II - Advanced Techniques By Paul Tran Mobipocket

Solidworks 2015 Part II - Advanced Techniques By Paul Tran EPub