



## Parametric Modeling with Autodesk Inventor 2012

*Randy Shih*

Download now

[Click here](#) if your download doesn't start automatically

# Parametric Modeling with Autodesk Inventor 2012

Randy Shih

## Parametric Modeling with Autodesk Inventor 2012 Randy Shih

Parametric Modeling with Autodesk Inventor 2012 contains a series of sixteen tutorial style lessons designed to introduce Autodesk Inventor, solid modeling, and parametric modeling. It uses a hands-on, exercise-intensive approach to all the important parametric modeling techniques and concepts.

The lessons guide the user from constructing basic shapes to building intelligent mechanical designs, creating multi-view drawings and assembly models. Other featured topics include sheet metal design, motion analysis, 2D design reuse, collision and contact, stress analysis and the Autodesk Inventor 2012 Certified Associate Examination.

## Autodesk Inventor 2012 Certified Associate Examination

The content of Parametric Modeling with Autodesk Inventor 2012 covers the performance tasks that have been identified by Autodesk as being included on the Autodesk Inventor 2012 Certified Associate examination. Special reference guides show students where the performance tasks are covered in the book.

If you are teaching an introductory level Autodesk Inventor course and you want to prepare your students for the Autodesk Inventor 2012 Certified Associate Examination this is the only book that you need. If your students are not interested in the Autodesk Inventor 2012 Certified Associate Exam they will still be studying the most important tools and techniques of Autodesk Inventor as identified by Autodesk.

## Table of Contents

1. Getting Started
2. Parametric Modeling Fundamentals
3. Constructive Solid Geometry Concepts
4. Model History Tree
5. Parametric Constraints Fundamentals
6. Geometric Construction Tools
7. Parent/Child Relationships and the BORN Technique
8. Part Drawings and Associative Functionality
9. Datum Features and Auxiliary Views
10. Symmetrical Features in Designs
11. Advanced 3D Construction Tools
12. Sheet Metal Design
13. Assembly Modeling - Putting It All Together
14. Content Center and Basic Motion Analysis
15. 2D Design Reuse, Collision and Contact
16. Introduction to Stress Analysis



[Download Parametric Modeling with Autodesk Inventor 2012 ...pdf](#)



[Read Online Parametric Modeling with Autodesk Inventor 2012 ...pdf](#)



## **Download and Read Free Online Parametric Modeling with Autodesk Inventor 2012 Randy Shih**

---

### **From reader reviews:**

#### **Phyllis Baudoin:**

Have you spare time for just a day? What do you do when you have considerably more or little spare time? Yeah, you can choose the suitable activity to get spend your time. Any person spent all their spare time to take a stroll, shopping, or went to typically the Mall. How about open or perhaps read a book called Parametric Modeling with Autodesk Inventor 2012? Maybe it is to be best activity for you. You know beside you can spend your time with the favorite's book, you can cleverer than before. Do you agree with their opinion or you have additional opinion?

#### **Deborah Ellefson:**

This Parametric Modeling with Autodesk Inventor 2012 book is absolutely not ordinary book, you have it then the world is in your hands. The benefit you have by reading this book is actually information inside this book incredible fresh, you will get details which is getting deeper a person read a lot of information you will get. This kind of Parametric Modeling with Autodesk Inventor 2012 without we comprehend teach the one who studying it become critical in considering and analyzing. Don't end up being worry Parametric Modeling with Autodesk Inventor 2012 can bring if you are and not make your handbag space or bookshelves' come to be full because you can have it within your lovely laptop even telephone. This Parametric Modeling with Autodesk Inventor 2012 having fine arrangement in word and also layout, so you will not feel uninterested in reading.

#### **Alison Caulfield:**

A lot of people always spent their free time to vacation or go to the outside with them loved ones or their friend. Are you aware? Many a lot of people spent they will free time just watching TV, or even playing video games all day long. If you wish to try to find a new activity here is look different you can read a new book. It is really fun to suit your needs. If you enjoy the book you read you can spent all day long to reading a guide. The book Parametric Modeling with Autodesk Inventor 2012 it is quite good to read. There are a lot of folks that recommended this book. We were holding enjoying reading this book. In case you did not have enough space bringing this book you can buy often the e-book. You can more very easily to read this book from a smart phone. The price is not to cover but this book provides high quality.

#### **George Conner:**

Publication is one of source of expertise. We can add our information from it. Not only for students but native or citizen need book to know the revise information of year to be able to year. As we know those publications have many advantages. Beside all of us add our knowledge, also can bring us to around the world. With the book Parametric Modeling with Autodesk Inventor 2012 we can get more advantage. Don't one to be creative people? To get creative person must like to read a book. Just simply choose the best book that acceptable with your aim. Don't possibly be doubt to change your life at this book Parametric Modeling with Autodesk Inventor 2012. You can more pleasing than now.

**Download and Read Online Parametric Modeling with Autodesk Inventor 2012 Randy Shih #5OJWFZEI7X6**

# **Read Parametric Modeling with Autodesk Inventor 2012 by Randy Shih for online ebook**

Parametric Modeling with Autodesk Inventor 2012 by Randy Shih 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 Parametric Modeling with Autodesk Inventor 2012 by Randy Shih books to read online.

## **Online Parametric Modeling with Autodesk Inventor 2012 by Randy Shih ebook PDF download**

**Parametric Modeling with Autodesk Inventor 2012 by Randy Shih Doc**

**Parametric Modeling with Autodesk Inventor 2012 by Randy Shih MobiPocket**

**Parametric Modeling with Autodesk Inventor 2012 by Randy Shih EPub**