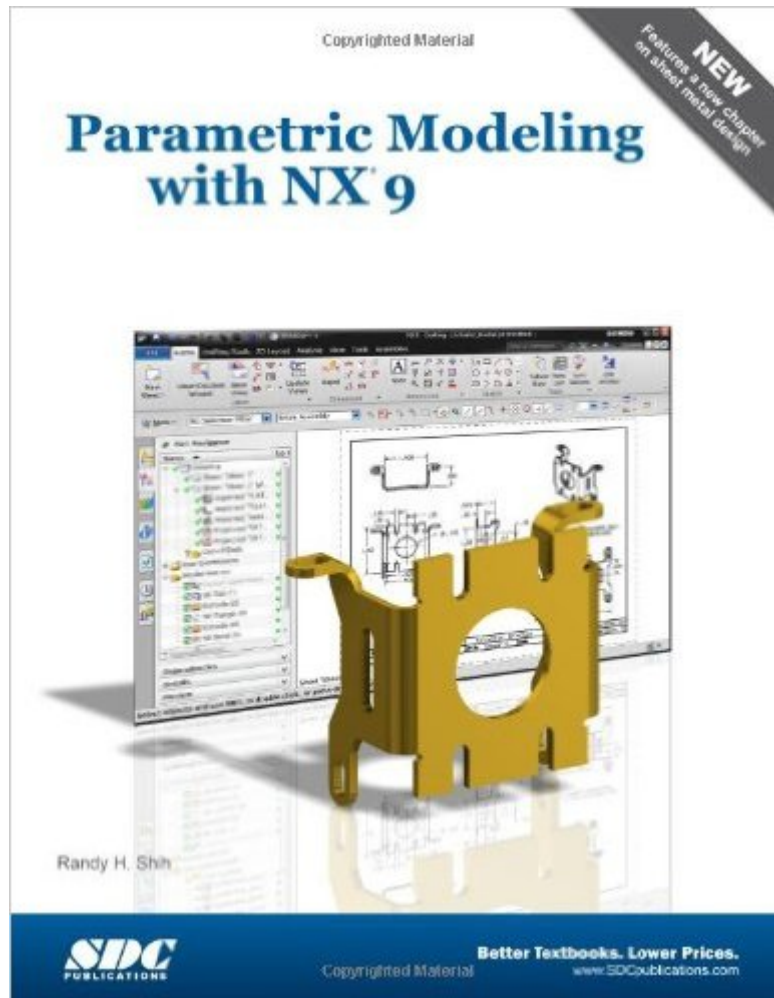


The book was found

# Parametric Modeling With NX 9



## Synopsis

The primary goal of Parametric Modeling with NX 9 is to introduce the aspects of designing with Solid Modeling and Parametric Modeling. This text is intended to be used as a practical training guide for students and professionals. This text uses NX 9 as the modeling tool and the chapters proceed in a pedagogical fashion to guide you from constructing basic solid models to building intelligent mechanical designs, creating multi-view drawings and assembly models. This text takes a hands-on, exercise-intensive approach to all the important Parametric Modeling techniques and concepts. This textbook contains a series of thirteen tutorial style lessons designed to introduce beginning CAD users to NX. This text is also helpful to NX users upgrading from a previous release of the software. The solid modeling techniques and concepts discussed in this text are also applicable to other parametric feature-based CAD packages. The basic premise of this book is that the more designs you create using NX, the better you learn the software. With this in mind, each lesson introduces a new set of commands and concepts, building on previous lessons. This book does not attempt to cover all of the NX'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: 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
8. Part Drawings and Associative Functionality
9. Datum Features and Auxiliary Views
10. Symmetrical Features in Designs
11. Advanced 3D Construction Tools
12. Basic Sheet Metal Designs
13. Assembly Modeling - Putting It All Together

Appendix A Index

## Book Information

Perfect Paperback: 435 pages

Publisher: SDC Publications (April 16, 2014)

Language: English

ISBN-10: 1585039047

ISBN-13: 978-1585039043

Product Dimensions: 1 x 8.5 x 10.8 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars [See all reviews](#) (3 customer reviews)

Best Sellers Rank: #740,078 in Books (See Top 100 in Books) #473 in [Books > Computers & Technology > Graphics & Design > CAD](#) #721 in [Books > Computers & Technology > Graphics &](#)

Design > Computer Modelling #1048 inÂ Books > Arts & Photography > Architecture > Drafting & Presentation

## Customer Reviews

Great book with a lot of hands on examples for UG NX 9 Modeling. It is well worth the money.

Very informative and detailed, user friendly!

Excellent book!

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

Parametric Modeling with NX 9 Engineering Design and Creo Parametric 3.0 ENGR 100:  
Introduction to Computer Aided Design - AutoCAD 2015 & Creo Parametric 3.0 CMOS SRAM  
Circuit Design and Parametric Test in Nano-Scaled Technologies: Process-Aware SRAM Design  
and Test (Frontiers in Electronic Testing) Creo Parametric 3.0 Black Book Microsoft Excel 2013  
Data Analysis and Business Modeling: Data Analysis and Business Modeling (Introducing) 3D  
Modeling For Beginners: Learn everything you need to know about 3D Modeling! Introduction to the  
Numerical Modeling of Groundwater and Geothermal Systems: Fundamentals of Mass, Energy and  
Solute Transport in Poroelastic Rocks (Multiphysics Modeling) Geochemical Modeling of  
Groundwater, Vadose and Geothermal Systems (Multiphysics Modeling) Mathematical Modeling of  
Collective Behavior in Socio-Economic and Life Sciences (Modeling and Simulation in Science,  
Engineering and Technology) Student Solutions Manual for Differential Equations: Computing and  
Modeling and Differential Equations and Boundary Value Problems: Computing and Modeling  
Language Modeling for Information Retrieval (The Information Retrieval Series) 3D Modeling and  
Printing with Tinkercad: Create and Print Your Own 3D Models The Data Warehouse Toolkit: The  
Definitive Guide to Dimensional Modeling MySQL Workbench: Data Modeling & Development  
(Oracle Press) Designing Geodatabases: Case Studies in GIS Data Modeling The Complete Guide  
to Blender Graphics, Second Edition: Computer Modeling and Animation Very Easy 3D Modeling  
Workbook: Especially 3D printing for beginners & teachers AutoCAD 2016 For Architectural Design:  
Floor Plans, Elevations, Printing, 3D Architectural Modeling, and Rendering Introduction to Solid  
Modeling Using SolidWorks 2015

[Dmca](#)