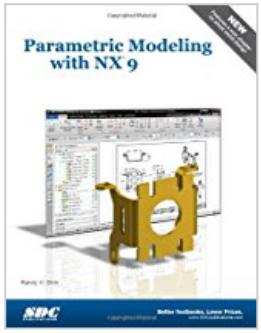

Parametric Modeling with NX 9

By Randy Shih

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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

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