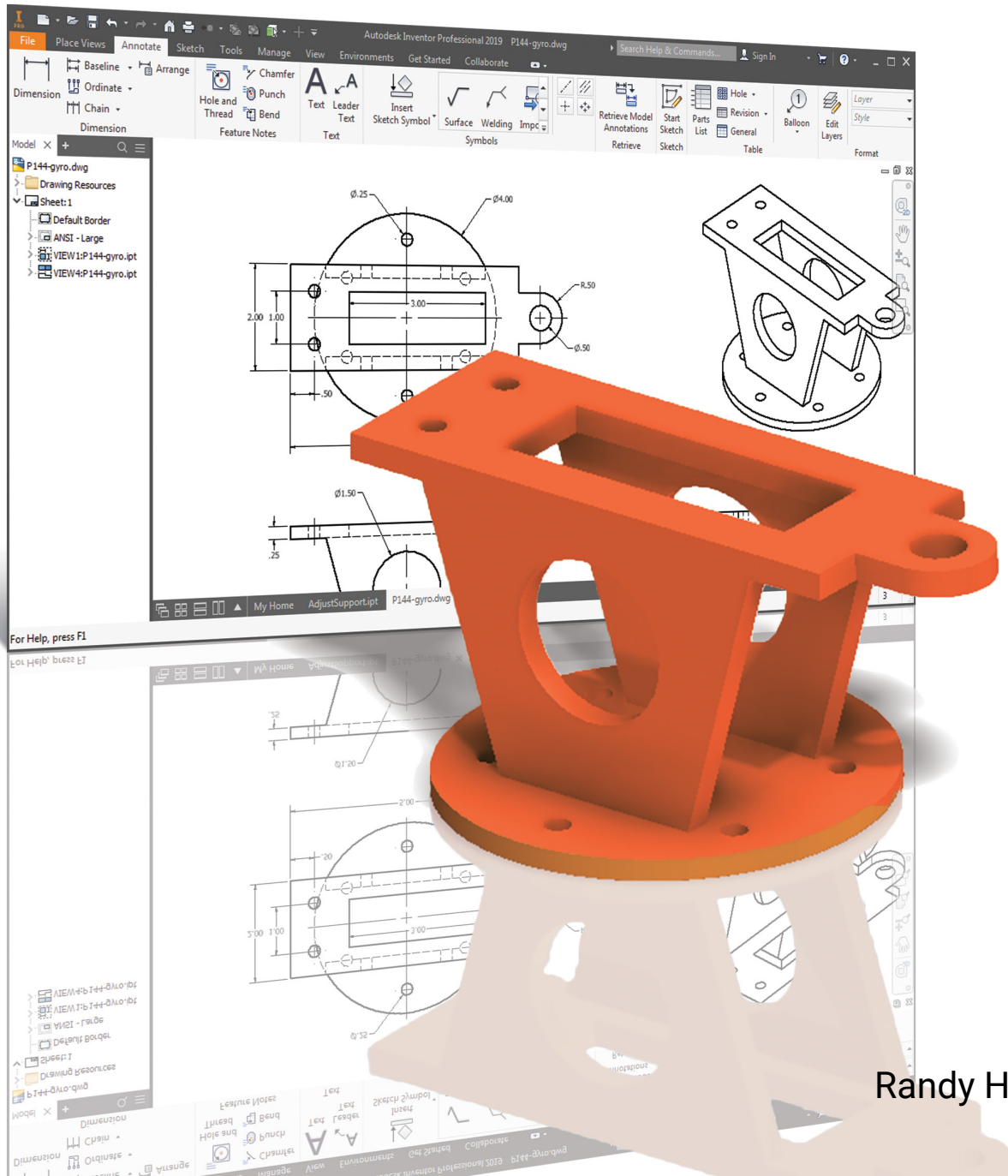# Parametric Modeling

with Autodesk® Inventor® 2020

Randy H. Shih

Visit the following websites to learn more about this book:

SDC Publications | **amazon**.com | **Google** books | **BARNES&NOBLE**

Table of Contents

Chapter 1
Getting Started

Chapter 2
Parametric Modeling Fundamentals

Chapter 3
Constructive Solid Geometry Concepts

Chapter 4
Model History Tree

Chapter 5
Parametric Constraints Fundamentals

Chapter 6
Geometric Construction Tools

Chapter 7
Parent/Child Relationships and the BORN Technique

Chapter 8
Part Drawings and 3D Model-Based Definition

Chapter 9
Datum Features and Auxiliary Views

Chapter 10
Introduction to 3D Printing

Chapter 11
Symmetrical Features in Designs

Chapter 12
Advanced 3D Construction Tools

Chapter 13
Sheet Metal Designs

Chapter 14
Assembly Modeling - Putting It All Together

Chapter 15
Content Center and Basic Motion Analysis

Chapter 16
2D Design Reuse, Collision and Contact

Chapter 17
Introduction to Stress Analysis

Appendix

Index