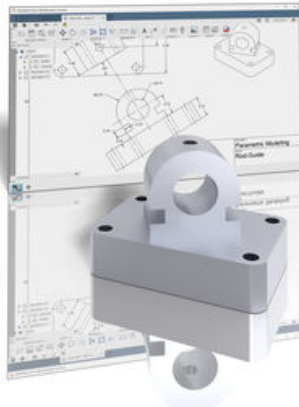


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Parametric Modeling with Autodesk Fusion 360™

Spring 2019 Edition



Randy H. Shih

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- Designed specifically for beginners with no prior CAD experience
- Uses a hands-on, exercise-intensive, tutorial style approach
- Teaches you parametric and 3D modeling using Autodesk Fusion 360
- Features a dedicated chapter on 3D printing

Parametric Modeling with Autodesk Fusion 360 contains a series of thirteen tutorial style lessons designed to introduce Autodesk Fusion 360, solid modeling and parametric modeling techniques and concepts. This book introduces Autodesk Fusion 360 on a step-by-step basis, starting with constructing basic shapes, all the way through to the creation of assembly drawings and 3D printing your own designs.

This book takes a hands on, exercise intensive approach to all the important parametric modeling techniques and concepts.

Each lesson introduces a new set of commands and concepts, building on previous lessons. The lessons guide you from constructing basic shapes to building intelligent solid models, assemblies and creating multi-view drawings.

This book also introduces you to the general principles of 3D printing including a brief history of 3D printing, the types of 3D printing technologies, commonly used filaments, and the basic procedure for printing a 3D model. 3D printing makes it easier than ever for anyone to start turning their designs into physical objects, and by the end of this book you will be ready to start printing out your own designs.

Spring 2019 Edition

Autodesk Fusion 360 is an entirely cloud based CAD, CAM, and CAE platform that is constantly evolving. This edition of Parametric Modeling with Autodesk Fusion 360 was written using Autodesk Fusion 360 in March of 2019. Fusion 360 is a stable product and all the major tools and features of Fusion 360 used in this edition should continue to operate the same way for the foreseeable future.

SDC Publications is committed to updating this book on a regular interval to incorporate new features and changes made to the software. Should a major change to Autodesk Fusion 360 require a newer edition be made available sooner, we will publish a new edition as soon as possible. Older editions will stop being available once newer editions are released.

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Title : Parametric Modeling with Autodesk Fusion 360
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File Size : 61.42MB

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