

AUTODESK INVENTOR 2014

TUTORIAL BOOK



JOHN G. RONALD

Autodesk Inventor 2014 Tutorial

Randy Shih



Autodesk Inventor 2014 Tutorial:

Autodesk Inventor 2014 Tutorial Book John Ronald, 2013-07-23 This tutorial book provides a step by step approach for users to learn Autodesk Inventor It is aimed for those with no previous experience with Inventor However users of previous versions of Inventor may also find this book useful for them to learn the new enhancements The user will be guided from starting an Autodesk Inventor 2014 session to creating parts assemblies and drawings Each chapter has components explained with the help of real world models Table of Contents 1 Getting Started 2 Modeling Basics 3 Assembly Basics 4 Creating Drawings 5 Additional Modeling Tools 6 Sheet Metal Modeling 7 Assembly Modeling Tools 8 Dimensions and Annotations

Autodesk Inventor 2014 Scott Hansen, 2013-04 This unique text presents a thorough introduction to Autodesk Inventor for anyone with little or no prior experience with CAD software It can be used in virtually any setting from four year engineering schools to on the job use or self study Unlike other books of its kind it begins at a very basic level and ends at a very advanced level It s perfect for anyone interested in learning Autodesk Inventor quickly and effectively using a learning by doing approach The philosophy behind this book is that learning computer aided design programs is best accomplished by emphasizing the application of the tools Students also seem to learn more quickly and retain information and skills better if they are actually creating something with the software program The driving force behind this book is learning by doing The instructional format of this book centers on making sure that students learn by doing and that students can learn from this book on their own In fact this is one thing that differentiates this book from others the emphasis on being able to use the book for self study The presentation of Autodesk Inventor is structured so that no previous knowledge of any CAD program is required This book uses the philosophy that Inventor is mastered best by concentrating on applying the program to create different types of solid models starting simply and then using the power of the program to progressively create more complex solid models The Drawing Activities at the end of each chapter are more complex iterations of the part developed by each chapter s objectives CAD programs are highly visual there are graphical illustrations showing how to use the program This reinforces the learn by doing philosophy since a student can see exactly what the program shows and then step through progressive commands to implement the required operations Rather than using a verbal description of the command a screen capture of each command is replicated

Parametric Modeling with Autodesk Inventor 2014 Randy Shih, 2013-05-29 Parametric Modeling with Autodesk Inventor 2014 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 import 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 2014 Certified User Examination

Inventor 2014 and Inventor LT 2014 Essentials: Autodesk Official Press Thom

Tremblay,2013-06-28 Quickly learn essential inventor tools and techniques This full color Autodesk Official Press guide will help you quickly learn the powerful manufacturing software s core features and functions Thom Tremblay an Autodesk Certified Instructor uses concise straightforward explanations and real world hands on exercises to help you become productive with Inventor Full color screenshots illustrate tutorial steps and chapters conclude with a related and more open ended project to further reinforce the chapter s lessons Based on the very real world task of designing tools and a toolbox to house them the book demonstrates creating 2D drawings from 3D data modeling parts combining parts into assemblies annotating drawings using advanced assembly tools working with sheet metal presenting designs and more Full color screenshots illustrate the steps and additional files are available for download so you can compare your results with those of professionals You ll also get information to help you prepare for the Inventor certification exams Introduces new users to the software with real world projects hands on tutorials and full color illustrations Begins each chapter with a quick discussion of concepts and learning goals and then moves into approachable hands on exercises Covers the interface and foundational concepts modeling parts combining them into assemblies building with the frame generator using weldments Includes material to help you prepare for the Inventor certification exams Autodesk Inventor 2014 Essentials provides the information you need to quickly become proficient with the powerful 3D mechanical design software *Mastering Autodesk Inventor 2014 and Autodesk Inventor LT 2014* Curtis Waguespack,2013-06-06 An Autodesk Official Press guide to the powerful mechanical design software Autodesk Inventor has been used to design everything from cars and airplanes to appliances and furniture This comprehensive guide to Inventor and Inventor LT features real world workflows and work environments and is packed with practical tutorials that focus on teaching Inventor tips tricks and techniques Additionally you can download datasets to jump in and practice on any exercise This reference and tutorial explains key interface conventions capabilities tools and techniques including design concepts and application parts design assemblies and subassemblies weldment design and the use of Design Accelerators and Design Calculators There s also detailed coverage of design tactics for large assemblies effective model design for various industries strategies for effective data and asset sharing using 2D and 3D data from other CAD systems and improving designs by incorporating engineering principles Uses real world sample projects so you can quickly grasp the interface tools and processes Features detailed documentation on everything from project set up to simple animations and documentation for exploded views sheet metal flat patterns plastic part design and more Covers crucial productivity boosting tools iLogic data exchange the Frame Generator Inventor Studio visualization tools dynamic simulation and stress analysis features and routed systems features Downloadable datasets let you jump into the step by step tutorials anywhere Mastering Autodesk Inventor and Autodesk Inventor LT is the essential comprehensive training guide for this powerful software **AutoCAD 2014 Tutorial - First Level: 2D Fundamentals** Randy Shih,2013-05-05 The primary goal of AutoCAD 2014 Tutorial First Level 2D Fundamentals is to introduce the aspects of Computer Aided Design and

Drafting CADD This text is intended to be used as a training guide for students and professionals This text covers AutoCAD 2014 and the lessons proceed in a pedagogical fashion to guide you from constructing basic shapes to making multiview drawings The lessons are further reinforced by the video presentations found on the enclosed multimedia disc This textbook contains a series of eleven tutorial style lessons designed to introduce beginning CAD users to AutoCAD 2014 It takes a hands on exercise intensive approach to all the important 2D CAD techniques and concepts This text is also helpful to AutoCAD users upgrading from a previous release of the software The new improvements and key enhancements of the software are incorporated into the lessons The 2D CAD techniques and concepts discussed in this text are also designed to serve as the foundation to the more advanced parametric feature based CAD packages such as Autodesk Inventor The basic premise of this book is that the more designs you create using AutoCAD 2014 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 is intended to help readers establish a good basis for exploring and growing in the exciting field of Computer Aided Engineering

Autodesk Inventor 2014 and Engineering Graphics Randy Shih, 2013-06-28 Autodesk Inventor 2014 and Engineering Graphics An Integrated Approach will teach you the principles of engineering graphics while instructing you on how to use the powerful 3D modeling capabilities of Autodesk Inventor 2014 Using step by step tutorials this text will teach you how to create and read engineering drawings while becoming proficient at using the most common features of Autodesk Inventor By the end you will be fully prepared to take and pass the Autodesk Inventor Certified User Exam This text is intended to be used as a training guide for students and professionals The chapters in this text proceed in a pedagogical fashion to guide you from constructing basic shapes to making complete sets of engineering drawings This text takes a hands on exercise intensive approach to all the important concepts of Engineering Graphics as well as in depth discussions of parametric feature based CAD techniques This textbook contains a series of fifteen chapters with detailed step by step tutorial style lessons designed to introduce beginning CAD users to the graphic language used in all branches of technical industry This book does not attempt to cover all of Autodesk Inventor 2014 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 Autodesk Inventor 2014 Certified User Examination The content of this book covers the performance tasks that have been identified by Autodesk as being included on the Autodesk Inventor 2014 Certified User 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 2014 Certified User Examination this is the only book that you need If your students are not interested in the Autodesk Inventor 2014 Certified User Exam they will still be studying the most important tools and techniques of Autodesk Inventor as identified by Autodesk For detailed information on the Autodesk Inventor Certified User examination visit www.autodesk.com/certification

Autodesk Inventor 2014 and

Inventor LT 2014 Essentials Thom Tremblay, 2013 Quickly learn essential inventor tools and techniques This full color Autodesk Official Press guide will help you quickly learn the powerful manufacturing software s core features and functions Thom Tremblay an Autodesk Certified Instructor uses concise straightforward explanations and real world hands on exercises to help you become productive with Inventor Full color screenshots illustrate tutorial steps and chapters conclude with a related and more open ended project to further reinforce the chapter s lessons Based on the very real world task of designing tools and a toolbox to house them the book demonstrates creating 2D drawings from 3D data modeling parts combining parts into assemblies annotating drawings using advanced assembly tools working with sheet metal presenting designs and more Full color screenshots illustrate the steps and additional files are available for download so you can compare your results with those of professionals You ll also get information to help you prepare for the Inventor certification exams Introduces new users to the software with real world projects hands on tutorials and full color illustrations Begins each chapter with a quick discussion of concepts and learning goals and then moves into approachable hands on exercises Covers the interface and foundational concepts modeling parts combining them into assemblies building with the frame generator using weldments Includes material to help you prepare for the Inventor certification exams Autodesk Inventor 2014 Essentials provides the information you need to quickly become proficient with the powerful 3D mechanical design software *Learning Autodesk Inventor 2014* Adam Cooper, 2013 In this Autodesk Inventor 2014 training course you will learn the fundamentals of using Inventor for creating your 3D digital prototypes Designed for beginners this tutorial covers everything you need to know to start modeling your own Inventor projects You begin with a tour of the Inventor 2014 interface and an explanation of the concepts that are covered and industry best practices Throughout the video tutorial you will cover sketching creating a feature from those sketches building an assembly from the parts and creating a presentation view of that assembly The course finishes off with lessons on how to create drawings of your design Once you have completed this video based training course for Autodesk Inventor 2014 you will have a firm grasp on the fundamental tools and techniques you will use to create your own modeling projects Working files are included allowing you to follow along with the author throughout the lessons Resource description page *Learning Autodesk Inventor 2014* Randy Shih, 2013-05-30 This book will teach you everything you need to know to start using Autodesk Inventor 2014 with easy to understand step by step tutorials This book features a simple robot design used as a project throughout the book You will learn to model parts create assemblies run simulations and even create animations of your robot design An unassembled version of the same robot used throughout the book can be bundled with the book No previous experience with Computer Aided Drafting CAD is needed since this book starts at an introductory level The author begins by getting you familiar with the Inventor interface and its basic tools You will start by learning to model simple robot parts and before long you will graduate to creating more complex parts and multi view drawings Along the way you will learn the fundamentals of

parametric modeling through the use of geometric constraints and relationships You will also become familiar with many of Inventor s powerful tools and commands that enable you to easily construct complex features in your models Also included is coverage of gears gear trains and spur gear creation using Autodesk Inventor This book continues by examining the different mechanisms commonly used in walking robots You will learn the basic types of planar four bar linkages commonly used in mechanical designs and how to use the GeoGebra Dynamic Geometry software to simulate and analyze 2D linkages Using the knowledge you gained about linkages and mechanism you will learn how to modify your robot and change its behavior by modifying or creating new parts In the final chapter of this book you learn how to combine all the robot parts into assemblies and then run motion analysis You will finish off your project by creating 3D animations of your robot in action There are many books that show you how to perform individual tasks with Autodesk Inventor but this book takes you through an entire project and shows you the complete engineering process By the end of this book you will have modeled and assembled nearly all the parts that make up the TAMIYA Mechanical Tiger and can start building your own robot [NX 8.5 for Designers](#)

Sham Tickoo,2013-03-02 **CATIA V5-6R2019 for Designers, 17th Edition** Prof. Sham Tickoo,2020-01-21 CATIA V5 6R2019 for Designers is a comprehensive book written with the intention of helping the readers effectively use all solid modeling tools and other features of CATIA V5 6R2019 This book provides elaborative and clear explanation of the tools of all commonly used workbenches of CATIA V5 6R2019 After reading this book you will be able to create assemble and draft models The chapter on the DMU Kinematics workbench will enable the users to create edit simulate and analyze different mechanisms dynamically The chapter on the FreeStyle workbench will enable the users to dynamically design and manipulate surfaces The book explains the concepts through real world examples and the tutorials used in this book ensure that the users can relate the knowledge gained from this book with the actual mechanical industry designs Salient Features Consists of 19 chapters that are organized in a pedagogical sequence Tutorial approach to explain the concepts of CATIA V5 6R2019 Hundreds of illustrations and a comprehensive coverage of CATIA V5 6R2019 concepts and techniques Additional learning resources at allaboutcadcam.blogspot.com Table of Contents Chapter 1 Introduction to CATIA V5 6R2019 Chapter 2 Drawing Sketches in the Sketcher Workbench I Chapter 3 Drawing Sketches in the Sketcher Workbench II Chapter 4 Constraining Sketches and Creating Base Features Chapter 5 Reference Elements and Sketch Based Features Chapter 6 Creating Dress Up and Hole Features Chapter 7 Editing Features Chapter 8 Transformation Features and Advanced Modeling Tools I Chapter 9 Advanced Modeling Tools II Chapter 10 Working with the Wireframe and Surface Design Workbench Chapter 11 Editing and Modifying Surfaces Chapter 12 Assembly Modeling Chapter 13 Working with the Drafting Workbench I Chapter 14 Working with the Drafting Workbench II Chapter 15 Working with Sheet Metal Components Chapter 16 DMU Kinematics Chapter 17 Introduction to Generative Shape Design Chapter 18 Working with the FreeStyle Workbench Chapter 19 Introduction to FEA and Generative Structural Analysis Student Projects Index

Exploring AutoCAD Civil 3D 2019, 9th Edition Prof. Sham Tickoo, 2018 Exploring AutoCAD Civil 3D 2019 book introduces the users to the powerful Building Information Modeling BIM solution AutoCAD Civil 3D The BIM solution in AutoCAD Civil 3D helps create and visualize a coordinated data model This data model can then be used to design and analyze a civil engineering project for its optimum and cost effective performance This book has been written considering the needs of the professionals such as engineers surveyors watershed and storm water analysts land developers and CAD technicians who wish to learn and explore the usage and abilities of AutoCAD Civil 3D in their respective domains This book consists of 13 chapters covering Points Creations Surface Creations Surface Analysis Corridor Modeling Pipe Networks Pressure Networks and Parcels and so on The chapters are organized in a pedagogical sequence to help users understand the concepts easily Each chapter begins with a command section that provides a detailed explanation of the commands and tools in AutoCAD Civil 3D The chapters in this book cover the basic as well as advanced concepts in AutoCAD Civil 3D such as COGO points surfaces and surface analysis alignments profiles sections grading assemblies corridor modeling earthwork calculations and pipe and pressure networks Salient Features Consists of 13 chapters that are arranged in pedagogical sequence Contains 808 pages 50 tutorials about 26 exercises and more than 770 illustrations Real world engineering projects used in tutorials exercises and explaining various tools and concepts Table of Contents Chapter 1 Introduction to AutoCAD Civil 3D 2019 Chapter 2 Working with Points Chapter 3 Working with Surfaces Chapter 4 Surface Volumes and Analysis Chapter 5 Alignments Chapter 6 Working with Profiles Chapter 7 Working with Assemblies and Subassemblies Chapter 8 Working with Corridors and Parcels Chapter 9 Sample Lines Sections and Quantity Takeoffs Chapter 10 Feature Lines and Grading Chapter 11 Pipe Networks Chapter 12 Pressure Networks Chapter 13 Working with Plan Production Tools and Data Shortcuts Index

Exploring AutoCAD Civil 3D 2020, 10th Edition Prof. Sham Tickoo, 2020-04-04 Exploring AutoCAD Civil 3D 2020 book introduces the users to the powerful Building Information Modeling BIM solution AutoCAD Civil 3D The book helps you learn create and visualize a coordinated data model that can be used to design and analyze a civil engineering project for its optimum and cost effective performance This book has been written considering the needs of the professionals such as engineers surveyors watershed and storm water analysts land developers and CAD technicians who wish to learn and explore the usage and abilities of AutoCAD Civil 3D in their respective domains This book provides comprehensive text and graphical representation to explain concepts and procedures required in designing solutions for various infrastructure works The tutorials and exercises which relate to real world projects help you better understand the tools in AutoCAD Civil 3D Salient Features Chapters arranged in pedagogical sequence Comprehensive coverage of concepts and tools covering the scope of the software Real world engineering projects used in tutorials and exercises Step by step examples to guide the users through the learning process Additional information provided throughout the book in the form of tips and notes Self Evaluation test Review Questions and Exercises at the end of each chapter so that the users can assess their knowledge

Table of Contents Chapter 1 Introduction to AutoCAD Civil 3D 2020 Chapter 2 Working with Points Chapter 3 Working with Surfaces Chapter 4 Surface Volumes and Analysis Chapter 5 Alignments Chapter 6 Working with Profiles Chapter 7 Working with Assemblies and Subassemblies Chapter 8 Working with Corridors and Parcels Chapter 9 Sample Lines Sections and Quantity Takeoffs Chapter 10 Feature Lines and Grading Chapter 11 Pipe Networks Chapter 12 Pressure Networks Chapter 13 Working with Plan Production Tools and Data Shortcuts Index **Exploring AutoCAD Civil 3D 2018, 8th Edition** Prof. Sham Tickoo, 2018-01-12 Exploring AutoCAD Civil 3D 2018 book introduces the users to the powerful Building Information Modeling BIM solution AutoCAD Civil 3D The BIM solution in AutoCAD Civil 3D helps create and visualize a coordinated data model This data model can then be used to design and analyze a civil engineering project for its optimum and cost effective performance This book has been written considering the needs of the professionals such as engineers surveyors watershed and storm water analysts land developers and CAD technicians who wish to learn and explore the usage and abilities of AutoCAD Civil 3D in their respective domains This book provides comprehensive text and graphics to explain various concepts and procedures required in designing solutions for various infrastructure works The accompanying tutorials and exercises which relate to the real world projects help you better understand the tools in AutoCAD Civil 3D This book consists of 13 Chapters covering Points Creations Surface Creations Surface Analysis Corridor Modeling Pipe Networks Pressure Networks Parcels Corridor Bowties and Dynamic Profiles and so on Each chapter begins with a command section that provides a detailed explanation of the commands and tools in AutoCAD Civil 3D The chapters in this book cover the basic as well as advanced concepts in AutoCAD Civil 3D such as COGO points surfaces and surface analysis alignments profiles sections grading assemblies corridor modeling earthwork calculations and pipe and pressure networks This edition covers the description of all enhancements and newly introduced tools Salient Features Consists of 13 chapters that are arranged in pedagogical sequence covering the scope of the software Consists of 806 pages more than 765 illustrations and a comprehensive coverage of concepts and tools Consists of 38 tutorials and about 20 exercises which provide real world experience of designing engineering projects using AutoCAD Civil 3D Step by step examples to guide the users through the learning process Additional information provided throughout the book in the form of tips and notes Self Evaluation test Review Questions and Exercises are given at the end of each chapter so that the users can assess their knowledge Table of Contents Chapter 1 Introduction to AutoCAD Civil 3D 2018 Chapter 2 Working with Points Chapter 3 Working with Surfaces Chapter 4 Surface Volumes and Analysis Chapter 5 Alignments Chapter 6 Working with Profiles Chapter 7 Working with Assemblies and Subassemblies Chapter 8 Working with Corridors and Parcels Chapter 9 Sample Lines Sections and Quantity Takeoffs Chapter 10 Feature Lines and Grading Chapter 11 Pipe Networks Chapter 12 Pressure Networks Chapter 13 Working with Plan Production Tools and Data Shortcuts Index *Solid Edge 2019 for Designers, 16th Edition* Prof. Sham Tickoo, 2019 Solid Edge 2019 for Designers book introduces the readers to Solid Edge 2019 one of the world's leading

parametric solid modeling packages This book consists of 15 chapters structured in a pedagogical sequence covering the Part Assembly Drafting and Sheet Metal environments of Solid Edge 2019 Both Synchronous and Ordered environments are discussed throughout this book In this book 3D Sketching is also discussed in both Synchronous and Ordered environments 3D Sketching combines the speed and flexibility of modeling with precise control on dimension driven designs thereby providing tremendous productivity gains over traditional methods Additionally in this book the author emphasizes on the solid modeling and editing techniques that enhance the productivity and efficiency of the users Also chapters are provided with tutorials that are created using the commands discussed in the chapter This approach allows the users to use this book initially as a learning tool and then as a reference material Salient Features Consists of 15 chapters that are organized in a pedagogical sequence Comprehensive coverage of Solid Edge 2019 concepts and techniques Hundreds of illustrations for easy understanding of concepts Self Evaluation Tests and Review Questions at the end of the chapters to help the users assess their knowledge Table of Contents Chapter 1 Introduction to Solid Edge 2019 Chapter 2 Drawing Sketches Chapter 3 Adding Relationships and Dimensions to Sketches Chapter 4 Editing Extruding and Revolving the Sketches Chapter 5 Working with Additional Reference Geometries Chapter 6 Advanced Modeling Tools I Chapter 7 Editing Features Chapter 8 Advanced Modeling Tools II Chapter 9 Advanced Modeling Tools III Chapter 10 Assembly Modeling I Chapter 11 Assembly Modeling II Chapter 12 Generating Editing and Dimensioning Drawing Views Chapter 13 Surface Modeling Chapter 14 Sheet Metal Design Chapter 15 Introduction to Convergent Modeling Student Projects Index **Tutorial Guide to AutoCAD**

2014 Shawna Lockhart,2013-05-29 A Tutorial Guide to AutoCAD 2014 provides a step by step introduction to AutoCAD with commands presented in the context of each tutorial In fifteen clear and comprehensive chapters author Shawna Lockhart guides readers through all the important commands and techniques in AutoCAD 2014 from 2D drawing to solid modeling and finally finishing with rendering In each lesson the author provides step by step instructions with frequent illustrations showing exactly what appears on the AutoCAD screen Later individual steps are no longer provided and readers are asked to apply what they ve learned by completing sequences on their own A carefully developed pedagogy reinforces this cumulative learning approach and supports readers in becoming skilled AutoCAD users A Tutorial Guide to AutoCAD 2014 begins with three Getting Started chapters that include information to get readers of all levels prepared for the tutorials The author includes tips that offer suggestions and warnings as you progress through the tutorials Key Terms and Key Commands are listed at the end of each chapter to recap important topics and commands learned in each tutorial Also a glossary of terms and Commands Summary lists the key commands used in the tutorials Each chapter concludes with end of chapter problems providing challenges to a range of abilities in mechanical electrical and civil engineering as well as architectural problems

Autocad 2014 Tutorial - Second Level Randy Shih,2013 The primary goal of AutoCAD 2014 Tutorial Second Level 3D Modeling is to introduce the aspects of computer based three dimensional modeling This text is intended to be used as a

training guide for both students and professionals The chapters in this book cover AutoCAD 2014 and proceed in a pedagogical fashion to guide you from constructing 3D wire frame models 3D surface models and 3D solid models to making multiview drawings and rendering images The text takes a hands on exercise intensive approach to all the important 3D modeling techniques and concepts This book contains a series of twelve tutorial style chapters designed to introduce CAD users to 3D modeling with AutoCAD 2014 Users upgrading from a previous release of the AutoCAD software will also find this text helpful The basic premise of this book is that the more 3D designs you create using AutoCAD 2014 the better you learn the software With this in mind each tutorial introduces a new set of commands and concepts building on previous chapters By going through this book readers will establish a good basis for exploring and growing in the exciting field of Computer Aided Engineering

Autodesk Inventor 2020 A Tutorial Introduction L. Scott Hansen, 2019-03 This unique text and video set presents a thorough introduction to Autodesk Inventor for anyone with little or no prior experience with CAD software It can be used in virtually any setting from four year engineering schools to on the job use or self study Unlike other books of its kind it begins at a very basic level and ends at a very advanced level It s perfect for anyone interested in learning Autodesk Inventor quickly and effectively using a learning by doing approach Additionally the extensive videos that are included with this book make it easier than ever to learn Inventor by clearly demonstrating how to use its tools The philosophy behind this book is that learning computer aided design programs is best accomplished by emphasizing the application of the tools Students also seem to learn more quickly and retain information and skills better if they are actually creating something with the software program The driving force behind this book is learning by doing The instructional format of this book centers on making sure that students learn by doing and that students can learn from this book on their own In fact this is one thing that differentiates this book from others the emphasis on being able to use the book for self study The presentation of Autodesk Inventor is structured so that no previous knowledge of any CAD program is required This book uses the philosophy that Inventor is mastered best by concentrating on applying the program to create different types of solid models starting simply and then using the power of the program to progressively create more complex solid models The Drawing Activities at the end of each chapter are more complex iterations of the part developed by each chapter s objectives Since CAD programs are highly visual there are graphical illustrations showing how to use the program This reinforces the learn by doing philosophy since a student can see exactly what the program shows and then step through progressive commands to implement the required operations Rather than using a verbal description of the command a screen capture of each command is replicated

Autodesk Inventor 2014 - Einsteiger-Tutorial Christian Schlieder, 2013 Dieses Buch ist ein Tutorial f r Autodesk R Inventor R 2014 Anhand eines komplexen bungsbeispiels lernt der Leser den Umgang mit dem Programm In kleinen nachvollziehbaren Schritten werden Skizzen gezeichnet Bauteile erzeugt und Baugruppen zusammengef gt Kurze pr gnante Befehlsfolgen in Kombination mit bersichtlichen Grafiken erm glichen ein schnelles

unkompliziertes Arbeiten Der Leser erfährt nützliche Hinweise zum Umgang mit dem Programm und kann die Theorie in kleinen Schritten umsetzen

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Autodesk Inventor 2014 Tutorial Introduction

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