

Nx Mold Design

Exploring Bentley STAAD.Pro CONNECT Edition, 3rd Edition
 Plastic Part Design for Injection Molding
 AutoCAD MEP 2020 for Designers, 5th Edition
 Injection Mould Design
 Siemens NX 12.0 for Designers, 11th Edition
 AutoCAD Plant 3D 2020 for Designers, 5th Edition
 Exploring Autodesk Revit 2020 for Structure, 10th Edition
 Turbine Blade Investment Casting Die Technology
 Mold Design Using NX 11.0: A Tutorial Approach
 CATIA V5-6R2020 for Designers, 18th Edition
 SOLIDWORKS 2021 for Designers, 19th Edition
 Autodesk Inventor Professional 2020 for Designers, 20th Edition
 Learning SOLIDWORKS 2018: A Project Based Approach
 AutoCAD Electrical 2018 for Electrical Control Designers, 9th Edition
 AutoCAD 2023: A Problem-Solving Approach, Basic and Intermediate, 29th Edition
 Space Modeling with SolidWorks and NX
 Exploring Autodesk Navisworks 2020, 7th Edition
 Exploring Autodesk Navisworks 2024, 11th Edition
 Siemens NX 2021 for Designers, 14th Edition
 AutoCAD 2022: A Problem - Solving Approach, Basic and Intermediate, 28th Edition
 SOLIDWORKS 2018 for Designers, 16th Edition
 Creo Parametric 6.0 for Designers, 6th Edition
 Customizing AutoCAD 2020, 13th Edition
 Advanced Manufacturing and Information Engineering, Intelligent Instrumentation and Industry Development
 Components, Packaging and Manufacturing Technology
 Exploring Autodesk Revit 2019 for MEP, 6th Edition
 AutoCAD 2020: A Problem-Solving Approach, Basic and Intermediate, 26th Edition
 Siemens NX 2019 for Designers, 12th Edition
 Exploring Autodesk Revit 2021 for Architecture, 17th Edition
 Siemens NX 2020 for Designers, 13th Edition
 Learning SOLIDWORKS 2019: A Project Based Approach, 3rd Edition
 Exploring AutoCAD Civil 3D 2020, 10th Edition
 Intelligence Computation and Evolutionary Computation
 Autodesk Inventor Professional 2019 for Designers, 19th Edition
 SOLIDWORKS 2018: A Tutorial Approach, 4th Edition
 Exploring AutoCAD Civil 3D 2019, 9th Edition
 Exploring Autodesk Revit 2019 for Structure, 9th Edition
 ANSYS Workbench 2019 R2: A Tutorial Approach, 3rd Edition
 Exploring Oracle Primavera P6 Professional 18, 3rd Edition

Nx Mold Design

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BRODERICK ELAINE

Exploring Bentley STAAD.Pro CONNECT Edition, 3rd Edition Trans Tech Publications Ltd

CATIA V5-6R2020 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 V5-6R2020. This book provides elaborative and clear explanation of the tools of all commonly used workbenches of CATIA V5-6R2020. 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 V5-6R2020 Detailed explanation of CATIA V5-6R2020 tools First page summarizes the topics covered in the chapter Step-by-step instructions that guide the users through the learning process More than 40 real-world mechanical engineering designs as tutorials and projects Additional information is provided throughout the book in the form of notes and tips Self-Evaluation Tests and Review Questions provided at the end of each chapter to

help users assess their knowledge Table of Contents Chapter 1: Introduction to CATIA V5-6R2020 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
[Plastic Part Design for Injection Molding](#)
 CADCIM Technologies
 Exploring Bentley STAAD.Pro CONNECT Edition is a comprehensive book that has been written to cater to the needs of the students and professionals. The chapters in this book are structured in a pedagogical sequence, which makes the learning process very simple and effective for both the novice as well as the advanced users of STAAD.Pro. In this book, the author explains in detail the procedure of creating 2D and 3D models, assigning material constants, assigning cross-section properties, assigning supports, defining different loads, performing analysis, viewing results, and preparing report. The chapters in the book are punctuated with tips and notes, wherever necessary, to make the concepts clear, thereby enabling the user to create his own innovative projects. Salient Features: Detailed explanation of concepts Real-world projects given as example • Tips and Notes throughout the book 284 pages of illustrated text Self-Evaluation Tests and Review Questions Table of Contents: Chapter 1: Introduction to STAAD.Pro CONNECT Edition Chapter 2: Structural Modeling in STAAD.Pro Chapter 3: Structural Modeling Using Tools Chapter 4: Defining Material Constants and Section Properties Chapter 5: Specifications and Supports Chapter 6: Loads Chapter 7: Performing Analysis, Viewing Results, and Preparing Report Chapter 8: Physical Modeling Index
[AutoCAD MEP 2020 for Designers, 5th Edition](#) CADCIM Technologies
 Customizing AutoCAD 2020 is a comprehensive book that provides detailed descriptions of the techniques used for customizing the AutoCAD software. This book covers all levels of customization techniques starting from the basic techniques used for creating template drawings to advanced techniques used for modifying the AutoCAD environment. Every chapter of this book has several examples that illustrate some possible applications of the customizing techniques explained in the chapter. The exercises at the end of the chapter will help the users assess their knowledge of the techniques learned in the chapter. Live projects and examples will further help the readers understand the concept clearly and master the customizing techniques of AutoCAD 2020. Salient Features: A comprehensive book

that consists of 16 chapters, covering all major customizing techniques of AutoCAD Detailed explanation of Scripting, AutoLISP, Visual LISP, etc to help user customize AutoCAD efficiently Additional information is provided in the form of tips & notes The first page of every chapter summarizes the topics covered in that chapter Each customizing technique is thoroughly explained and is supported with examples and illustrations Self-Evaluation Test, Review Questions, and exercises are provided at the end of each chapter to help the reader assess their knowledge of the tools & techniques learned in the chapter. Table of Contents Chapter 1: Template Drawings Chapter 2: Script Files and Slide Shows Chapter 3: Creating Linetypes and Hatch Patterns Chapter 4: Customizing the ACAD.PGP File Chapter 5: Customizing Menus and Toolbars Chapter 6: Customizing Ribbon, Workspaces, and Palettes Chapter 7: Shapes and Text Fonts Chapter 8: Working with AutoLISP Chapter 9: Working with Visual LISP Chapter 10: Visual LISP: Editing the Drawing Database Chapter 11: Creating Programmable Dialog Boxes Using the Dialog Control Language Chapter 12: Using VBA in AutoCAD Chapter 13: Geometry Calculator Chapter 14: Image Tile Menus Chapter 15: Button Menus Chapter 16: Tablet Menus Index
Injection Mould Design CADCIM Technologies
 Mold Design Using NX 11.0: A Tutorial Approach CADCIM Technologies
[Siemens NX 12.0 for Designers, 11th Edition](#) CADCIM Technologies
 Exploring Autodesk Navisworks 2020 is a comprehensive book that has been written to cater to the needs of the students and professionals. The chapters in this book are structured in a pedagogical sequence, which makes the learning process very simple and effective for both the novice as well as the advanced users of Autodesk Navisworks. In this book, the author emphasizes on creating 4D simulation, performing clash detection, performing quantity takeoff, rendering, creating animation, and reviewing models through tutorials and exercises. In addition, the chapters have been punctuated with tips and notes, wherever necessary, to make the concepts clear, thereby enabling you to create your own innovative projects. Salient Features Comprehensive book consisting of 404 pages of heavily illustrated text. Detailed explanation of the commands and tools of Autodesk Navisworks. Tips and Notes throughout the book for providing additional information. Self-Evaluation Tests, Review Questions, and Exercises at the end of the chapters.

Table of Contents Chapter 1: Introduction to Autodesk Navisworks 2020 Chapter 2: Exploring the Navigation Tools in Navisworks Chapter 3: Selecting, Controlling, and Reviewing Objects Chapter 4: Viewpoints, Sections, and Animations Chapter 5: TimeLiner Chapter 6: Working with Animator and Scriptor Chapter 7: Quantification Chapter 8: Clash Detection Chapter 9: Autodesk Rendering in Navisworks Case Study Index
[AutoCAD Plant 3D 2020 for Designers, 5th Edition](#) CADCIM Technologies
 The AutoCAD Electrical 2018 for Electrical Control Designers book has been written to assist the engineering students and the practicing designers who are new to AutoCAD Electrical. Using this book, the readers can learn the application of basic tools required for creating professional electrical control drawings with the help of AutoCAD Electrical. Keeping in view the varied requirements of the users, this book covers a wide range of tools and features such as schematic drawings, Circuit Builder, panel drawings, parametric and nonparametric PLC modules, stand-alone PLC I/O points, ladder diagrams, point-to-point wiring diagrams, report generation, creation of symbols, and so on. This will help the readers to create electrical drawings easily and effectively. Special emphasis has been laid on the introduction of concepts, which have been explained using text and supported with graphical examples. The examples and tutorials used in this book ensure that the users can relate the information provided in this book with the practical industry designs. Salient Features: Consists of 13 chapters and 2 projects that are organized in a pedagogical sequence. Comprehensive coverage of AutoCAD Electrical 2018 concepts and techniques. Tutorial approach to explain the concepts of AutoCAD Electrical 2018. Detailed explanation of all commands and tools. Summarized content on the first page of the topics that are covered in the chapter. Hundreds of illustrations for easy understanding of concepts. Step-by-step instructions to guide the users through the learning process. Emphasis on Why and How with explanation. More than 45 tutorials and projects. Additional information throughout the book in the form of notes and tips. Self-Evaluation Tests and Review Questions at the end of each chapter to help the users assess their knowledge. Technical support by contacting 'techsupport@cadcim.com'. Table of Contents Chapter 1: Introduction to AutoCAD Electrical 2018 Chapter 2: Working with Projects and Drawings Chapter 3: Working with Wires Chapter 4:

Creating Ladders Chapter 5: Schematic Components Chapter 6: Schematic Editing Chapter 7: Connectors, Point-to-Point Wiring Diagrams, and Circuits Chapter 8: Panel Layouts Chapter 9: Schematic and Panel Reports Chapter 10: PLC Modules Chapter 11: Terminals Chapter 12: Settings, Configurations, Templates, and Plotting Chapter 13: Creating Symbols Project 1 Project 2 Index

Exploring Autodesk Revit 2020 for Structure, 10th Edition CADCIM Technologies

Exploring Autodesk Navisworks 2024 is a comprehensive textbook that has been written to cater to the needs of the students and professionals. The chapters in this textbook are structured in a pedagogical sequence, which makes the learning process very simple and effective for both the novice as well as the advanced users of Autodesk Navisworks. In this textbook, the author emphasizes on creating 4D simulation, performing clash detection, performing quantity takeoff, rendering, creating animation, and reviewing models through tutorials and exercises. In addition, the chapters have been punctuated with tips and notes, wherever necessary, to make the concepts clear, thereby enabling you to create your own innovative projects. Salient Features Comprehensive textbook consisting of 412 pages of heavily illustrated text. Detailed explanation of the commands and tools of Autodesk Navisworks. Tips and Notes throughout the book for providing additional information. Self-Evaluation Tests, Review Questions, and Exercises at the end of the chapters. Table of Contents Chapter 1: Introduction to Autodesk Navisworks 2024 Chapter 2: Exploring the Navigation Tools in Navisworks Chapter 3: Selecting, Controlling, and Reviewing Objects Chapter 4: Viewpoints, Sections, and Animations Chapter 5: TimeLiner Chapter 6: Working with Animator and Scriptor Chapter 7: Quantification Chapter 8: Clash Detection Chapter 9: Autodesk Rendering in Navisworks Case Study Index

Turbine Blade Investment Casting Die Technology Trans Tech Publications Ltd 2012 International Conference of Intelligence Computation and Evolutionary Computation (ICEC 2012) is held on July 7, 2012 in Wuhan, China. This conference is sponsored by Information Technology & Industrial Engineering Research Center. ICEC 2012 is a forum for presentation of new research results of intelligent computation and evolutionary computation. Cross-fertilization of intelligent computation, evolutionary computation, evolvable hardware and newly emerging technologies is strongly

encouraged. The forum aims to bring together researchers, developers, and users from around the world in both industry and academia for sharing state-of-art results, for exploring new areas of research and development, and to discuss emerging issues facing intelligent computation and evolutionary computation.

Mold Design Using NX 11.0: A Tutorial Approach CADCIM Technologies

Siemens NX 2021 for Designers is a comprehensive book that introduces the users to feature-based 3D parametric solid modeling using the NX software. The book covers all major environments of NX with a thorough explanation of all tools, options, and their applications to create real-world products. More than 40 mechanical engineering industry examples and additional 35 exercises given in the book ensure that the users properly understand the solid modeling design techniques used in the industry and are able to efficiently create parts, assemblies, drawing views with bill of materials as well as learn the editing techniques that are essential to make a successful design. In this edition, four industry-specific projects are also provided for free download to the users to practice the tools learned and enhance their skills.

CATIA V5-6R2020 for Designers, 18th Edition CADCIM Technologies

ANSYS Workbench 2019 R2: A Tutorial Approach book introduces the readers to ANSYS Workbench 2019, one of the world's leading, widely distributed, and popular commercial CAE packages. It is used across the globe in various industries such as aerospace, automotive, manufacturing, nuclear, electronics, biomedical, and so on. ANSYS provides simulation solutions that enable designers to simulate design performance. This book covers various simulation streams of ANSYS such as Static Structural, Modal, Steady-State, and Transient Thermal analyses. Structured in pedagogical sequence for effective and easy learning, the content in this textbook will help FEA analysts in quickly understanding the capability and usage of tools of ANSYS Workbench. Salient Features: Book consisting of 11 chapters that are organized in a pedagogical sequence Summarized content on the first page of the topics that are covered in the chapter More than 10 real-world mechanical engineering problems used as tutorials Additional information throughout the book in the form of notes & tips Self-Evaluation Tests and Review Questions at the end of each chapter to help the users assess their knowledge. Table of Contents

Chapter 1: Introduction to FEA Chapter 2: Introduction to ANSYS Workbench Chapter 3: Part Modeling - I Chapter 4: Part Modeling -II Chapter 5: Part Modeling - III Chapter 6: Defining Material Properties Chapter 7: Generating Mesh - I Chapter 8: Generating Mesh - II Chapter 9: Static Structural Analysis Chapter 10: Modal Analysis Chapter 11: Thermal Analysis Index

SOLIDWORKS 2021 for Designers, 19th Edition CADCIM Technologies

Learning SOLIDWORKS 2019: A Project Based Approach book introduces the readers to SOLIDWORKS 2019, the world's leading parametric solid modeling package. In this book, the author has adopted a project-based approach to explain the fundamental concepts of SOLIDWORKS. This unique approach has been used to explain the creation of parts, assemblies, and drawings of a real-world model. The Learning SOLIDWORKS 2019 book will provide the users a sound and practical knowledge of the software while creating a motor cycle as the real-world model. This knowledge will guide the users to create their own projects in an easy and effective manner. Salient Features:

Chapters organized in a pedagogical sequence Summarized content on the first page of the topics that are covered in the chapter Real-world mechanical engineering problems used as tutorials and projects with step-by-step explanation Additional information throughout the book in the form of notes and tips Self-Evaluation Tests and Review Questions at the end of each chapter to help the users assess their knowledge Table of Contents: Chapter 1: Introduction to SOLIDWORKS 2019 Chapter 2: Creating Front Axle, Rear Axle and Disc Plate Chapter 3: Creating Rim ,Front Tire and Rear Tire Chapter 4: Creating Caliper Piston, Pad, and Body Chapter 5: Creating Fork Tube, Holder, and Bodies Chapter 6: Creating Handlebar and Handle Holders Chapter 7: Creating Muffler, Clamp, Swing Arm and Headlight Clamp Chapter 8: Creating Shock Absorber and Engine Parts Chapter 9: Creating Mudguard, Fuel Tank, Headlight Mask, and Seat Cover Chapter 10: Creating Weldment Structural Frame and Seat frame Chapter 11: Creating Motorcycle Assembly Chapter 12: Generating Drawing Views Index

Autodesk Inventor Professional 2020 for Designers, 20th Edition CADCIM Technologies

AutoCAD 2022: A Problem-Solving Approach, Basic and Intermediate, 28th Edition book contains a detailed explanation of AutoCAD commands and their applications to solve drafting and

design problems. In this book, every AutoCAD command is thoroughly explained with the help of examples and illustrations. This makes it easy for the users to understand the functions of the tools and their applications in the drawing. After reading this book, the user will be able to use AutoCAD commands to make a drawing, dimension a drawing, apply constraints to sketches, insert symbols as well as create text, blocks, and dynamic blocks. The book also covers basic drafting and design concepts such as dimensioning principles and assembly drawings that equip the users with the essential drafting skills to solve the drawing problems in AutoCAD. While reading this book, you will discover some new tools introduced in AutoCAD 2022 such as DWG Compare, Save to Web & Mobile, and Shared Views that will enhance the usability of the software. Salient Features Comprehensive book consists of 24 chapters that are organized in a pedagogical sequence. A detailed explanation of all commands and tools. Summarized content on the first page of the topics that are covered in the chapter. Hundreds of illustrations for easy understanding of concepts. Step-by-step instructions guide the users through the learning process. More than 30 real-world mechanical engineering designs as examples. Additional information throughout the book in the form of notes and tips. Self-Evaluation Tests and Review Questions at the end of each chapter to help the users assess their knowledge. Table of Contents Chapter 1: Introduction to AutoCAD Chapter 2: Getting Started with AutoCAD Chapter 3: Getting started with Advanced Sketching Chapter 4: Working with Drawing Aids Chapter 5: Editing Sketched Objects-I Chapter 6: Editing Sketched Objects-II Chapter 7: Creating Texts and Tables Chapter 8: Basic Dimensioning, Geometric Dimensioning, and Tolerancing Chapter 9: Editing Dimensions Chapter 10: Dimension Styles, Multileader Styles, and System Variables Chapter 11: Adding Constraints to Sketches Chapter 12: Hatching Drawings Chapter 13: Model Space Viewports, Paper Space Viewports, and Layouts Chapter 14: Plotting Drawings Chapter 15: Template Drawings Chapter 16: Working with Blocks Chapter 17: Defining Block Attributes Chapter 18: Understanding External References Chapter 19: Working with Advanced Drawing Options Chapter 20: Grouping and Advanced Editing of Sketched Objects Chapter 21: Working with Data Exchange & Object Linking and Embedding Chapter 22: Conventional Dimensioning and Projection Theory using AutoCAD (For free

download) Chapter 23: Concepts of Geometric Dimensioning and Tolerancing (For free download) Chapter 24: Isometric Drawings (For free download) Index [Learning SOLIDWORKS 2018: A Project Based Approach](#) CAD/CIM Technologies Exploring Autodesk Revit 2020 for Structure is a comprehensive book that has been written to cater to the needs of the students and the professionals who are involved in the AEC profession. This book enables the users to harness the power of BIM with Autodesk Revit 2020 for Structure for their specific use. In this book, the author emphasizes on physical modeling, analytical modeling, rebar modeling, steel element cutting tools, structural steel connections and quantity scheduling. Also, Revit 2020 for Structure book covers the description of various stages involved in analyzing the model in Robot Structural Analysis software. This book is specially meant for professionals and students in structural engineering, civil engineering, and allied fields in the building industry. In this book, along with the main text, the chapters have been punctuated with tips and notes to give additional information on the concept, thereby enabling you to create your own innovative project. Salient Features: Detailed explanation of structural tools of Autodesk Revit Real-world structural projects given as tutorials Tips & Notes throughout the book 560 pages of heavily illustrated text Self-Evaluation Tests, Review Questions, and Exercises at the end of each chapter Table of Contents Chapter 1: Introduction to Autodesk Revit 2020 for Structure Chapter 2: Getting Started with a Structural Project Chapter 3: Setting up a Structural Project Chapter 4: Structural Columns and Walls Chapter 5: Foundations, Beams, Floors, and Open Web Joists Chapter 6: Editing Tools Chapter 7: Documenting Models and Creating Families Chapter 8: Standard Views, Details, and Schedules Chapter 9: 3D Views, Sheets, Analysis and Reinforcements Chapter 10: Linking Revit Model with Robot Structural Analysis Student Project (*Free Download) Index [AutoCAD Electrical 2018 for Electrical Control Designers, 9th Edition](#) CAD/CIM Technologies AutoCAD 2020: A Problem-Solving Approach, Basic and Intermediate, 26th Edition Book contains a detailed explanation of all Major Concepts, Tools, and Commands of AutoCAD 2020 software and their applications to solve drafting and design problems. In this book, special emphasis has been laid on industrial applications and usage of AutoCAD tools so that it serves beginners as well as

professionals to understand the functions these tools and their applications in the drawing. After reading this book, the user will be able to use AutoCAD commands to make a drawing, dimension a drawing, apply constraints to sketches, insert symbols as well as create text, blocks and dynamic blocks. This book also covers basic drafting and design concepts such as dimensioning principles and assembly drawings that equip the users with the essential drafting skills to solve the drawing problems in AutoCAD. While reading this book, you will discover some new tools introduced in AutoCAD 2020 such as DWG Compare, Save to Web & Mobile, and Shared Views that will enhance the usability of the software. Salient Features: Comprehensive book that covers all major concepts and tools of AutoCAD used in industry. Detailed explanation of all commands and tools. Emphasis on illustrations and practical exercises for easy understanding of concepts. More than 30 real-world mechanical engineering designs as examples. Additional information throughout the book in the form of notes and tips. Table of Contents: Chapter 1: Introduction to AutoCAD Chapter 2: Getting Started with AutoCAD Chapter 3: Getting started with Advanced Sketching Chapter 4: Working with Drawing Aids Chapter 5: Editing Sketched Objects-I Chapter 6: Editing Sketched Objects-II Chapter 7: Creating Texts and Tables Chapter 8: Basic Dimensioning, Geometric Dimensioning, and Tolerancing Chapter 9: Editing Dimensions Chapter 10: Dimension Styles, Multileader Styles, and System Variables Chapter 11: Adding Constraints to Sketches Chapter 12: Hatching Drawings Chapter 13: Model Space Viewports, Paper Space Viewports, and Layouts Chapter 14: Plotting Drawings Chapter 15: Template Drawings Chapter 16: Working with Blocks Chapter 17: Defining Block Attributes Chapter 18: Understanding External References Chapter 20: Grouping and Advanced Editing of Sketched Objects Chapter 21: Working with Data Exchange & Object Linking and Embedding Chapter 22: Conventional Dimensioning and Projection Theory using AutoCAD* Chapter 23: Concepts of Geometric Dimensioning and Tolerancing* Chapter 24: Isometric Drawings* Index (* For Free download from www.cadcim.com) [AutoCAD 2023: A Problem-Solving Approach, Basic and Intermediate, 29th Edition](#) Mold Design Using NX 11.0: A Tutorial Approach Focusing on the theory and techniques of digital design and manufacturing for

turbine blade investment casting, this book systematically summarizes the advances in applications in this field. It describes advanced digital design theory and methods and provides practical technical references for investment casting die design and manufacturing. The theories, methods and cases presented here are largely derived from the author's practical engineering experience and the research he and his team have carried out since the 1990s. It includes academic papers, technical reports and patent literature, and provides a valuable guide to engineers involved in the die-design process. Given its comprehensive coverage, the book makes a significant contribution to investment-casting die design and aero-engine blade manufacturing, while at the same time promoting the development of aero-engine manufacturing technologies

Space Modeling with SolidWorks and NX CAD/CIM Technologies

Mold Design Using NX 11.0: A Tutorial Approach book is written with the intention of helping the readers effectively design molds and its parts such as gate, runner, and various other standard parts using Mold Wizard of NX. After going through this book, the users will be able to design molds easily and effectively through processes such as analysis and documentation which have been dealt in detail. Also, the chapters in this book are arranged in a pedagogical sequence that makes this book very effective in learning the features and capabilities of the software. Keeping in mind the requirements of the users, the book at first introduces basic terms and analyses and gradually progresses to cover sequential method to create mold and documentation. Written with the tutorial point of view and the learn by doing a theme, the book caters to the needs of both novice and advanced users and is ideally suited for learning at your convenience and pace. Salient Features

- Consists of 10 chapters that are organized in a pedagogical sequence.
- Cover mold design concepts using NX 11.0.
- Tutorial approach to explain the concepts of Mold Design using NX 11.0.
- Summarized content on the first page of the topics that are covered in the chapter.
- Hundreds of illustrations for easy understanding of concepts.
- Step-by-step instructions to guide the users through the learning process.
- Additional information throughout the book in the form of notes and tips.
- Self-Evaluation Tests and Review Questions at the end of each chapter to help the users assess their knowledge.
- Technical support by contacting

'techsupport@cadcim.com' Additional learning resources at 'allaboutcadcam.blogspot.com'

Table of Contents

Chapter 1: Introduction to Mold Design and NX Mold Wizard

Chapter 2: Part Analysis

Chapter 3: Creating Parting Surface

Chapter 4: Creating Core and Cavity

Chapter 5: Adding Mold Base and Standard Parts

Chapter 6: Creating Gate, Runner, and Layout

Chapter 7: Creating Sliders and Lifters

Chapter 8: Creating Ejection and Cooling Systems

Chapter 9: Creating Electrodes

Chapter 10: Documentation Index

Exploring Autodesk Navisworks 2020, 7th Edition CAD/CIM Technologies

Selected, peer reviewed paper from 2010 International Conference on Components, Packaging and Manufacturing Technology (ICCPMT 2010) Sanya, China, December 9-10, 2010

Exploring Autodesk Navisworks 2024, 11th Edition CAD/CIM Technologies

AutoCAD MEP 2020 for Designers book is written to help the readers effectively use the designing and drafting tools of AutoCAD MEP 2020. This AutoCAD MEP book provides detailed description of the tools that are commonly used in designing HVAC system, piping system, and plumbing system as well as in designing the electrical layout of a building. The AutoCAD MEP 2020 book further elaborates on the procedure of generating the schematic drawings of a system, which are used for schematic representation of a system. Special emphasis has been laid on the introduction of concepts, which have been explained using text, along with graphical examples. The examples and tutorials used in the AutoCAD MEP 2020 for Designers book ensure that the users can relate the information provided in this book with the practical industry designs.

Salient Features: Chapters that are organized in a pedagogical sequence.

- Tutorial approach to explain various concepts of AutoCAD MEP 2020.
- Summarized content on the first page of the topics that are covered in the chapter.
- Detailed explanation of AutoCAD MEP 2020 commands and tools.
- The first page of every chapter summarizes the topics that are covered in it.
- Consists of hundreds of illustrations and a comprehensive coverage of AutoCAD MEP 2020 concepts and techniques.
- Step-by-step instructions that guide the users through the learning process.
- Real-world mechanical engineering designs as tutorials and projects.
- Additional information throughout the book in the form of notes and tips.
- Self-Evaluation Tests and Review Questions in each chapter so that the users can assess their

knowledge. Technical support by contacting 'techsupport@cadcim.com'.

Additional learning resources at 'allaboutcadcam.blogspot.com'.

Table of Contents

Chapter 1: Introduction to AutoCAD MEP

Chapter 2: Getting Started with AutoCAD MEP

Chapter 3: Working with Architecture Workspace

Chapter 4: Creating HVAC System

Chapter 5: Creating Piping System

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Chapter 7: Creating Electrical System Layout

Chapter 8: Representation and Schedules

Chapter 9: Working with Schematics

Project 1: Creating Complete System of a Forging Plant

Project 2: Creating Complete Commercial Office Building

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Siemens NX 2021 for Designers, 14th Edition CAD/CIM Technologies

Exploring Oracle Primavera P6 Professional 18 book explains the concepts and principles of project management through practical examples, tutorials, and exercises. This enables the users to harness the power of managing projects with Oracle Primavera P6 for their specific use. In this book, the author emphasizes on planning, managing and controlling the projects, assigning resources and roles to a project, and producing schedule and resources reports and graphics. This book is specially meant for professionals and students in engineering, project management and allied fields in the building industry.

Salient Features:

- Detailed explanation of Oracle Primavera concepts.
- Real-world projects given as tutorials.
- Tips and Notes throughout the book.
- 264 pages of illustrated text.
- Self-Evaluation Tests, Review Questions, and Exercises at the end of the chapters

Table of Contents:

Chapter 1: Getting Started with Primavera P6 Professional 18

Chapter 2: Creating Projects

Chapter 3: Defining Calendars and Work Breakdown Structure

Chapter 4: Working with Activities and Establishing Relationships

Chapter 5: Defining Resources and Roles

Chapter 6: Risks and Issues, and Setting Baselines

Chapter 7: Project Expenses and Tracking Progress of Project

Chapter 8: Printing Layouts and Reports

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AutoCAD 2022: A Problem - Solving Approach, Basic and Intermediate, 28th Edition CAD/CIM Technologies

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
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3D 2020 Chapter 2: Working with Points
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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
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Best Sellers - Books :

- [Feel-good Productivity: How To Do More Of What Matters To You](#)
- [The Woman In Me By Britney Spears](#)
- [Never Never: A Romantic Suspense Novel Of Love And Fate](#)
- [It's Not Summer Without You By Jenny Han](#)
- [Bluey And Bingo's Fancy Restaurant Cookbook: Yummy Recipes, For Real Life By Penguin Young Readers Licenses](#)
- [World Of Eric Carle, Around The Farm 30-button Animal Sound Book - Great For First Words - Pi Kids](#)
- [Leigh Howard And The Ghosts Of Simmons-pierce Manor](#)
- [The Complete Summer I Turned Pretty Trilogy \(boxed Set\): The Summer I Turned Pretty; It's Not Summer Without You; We'll Always Have Summer By Jenny Han](#)
- [The Very Hungry Caterpillar By Eric Carle](#)
- [November 9: A Novel By Colleen Hoover](#)