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Exploring Autodesk Revit MEP 2014



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Prof. Sham Tickoo



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Envelopes Chapter 4 Creating Spaces and Zones and Performing Load Analysis Chapter 5 Creating an HVAC System Chapter 6 Creating an Electrical System Chapter 7 Creating Plumbing Systems Chapter 8 Creating Fire Protection Systems Chapter 9 Creating Construction Documents Chapter 10 Creating Families and Worksharing Index **Exploring Autodesk**

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Exercises at the end of each chapter Table of Contents Chapter 1 Introduction to Autodesk Revit 2017 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 Reinforcements and Massing Chapter 10 Linking Revit Model with Robot Structural Analysis Student Project Index **Exploring Autodesk**

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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 projects

Salient Features

Detailed explanation of structural tools of Autodesk Revit

Real world structural projects given as tutorials

Tips and Notes throughout the book

546 pages of heavily illustrated text

Self Evaluation Tests Review Questions and Exercises at the end of each chapter

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Salient Features

Comprehensive textbook that covers all major Revit MEP tools and concepts

Coverage of advanced concepts such as worksharing families and system creation

Detailed description on building envelope spaces and zones

HVAC system electrical system fire fighting system and plumbing system

Step by step explanation that guides the users through the learning process

Effectively communicates the utility of Revit 2024 for MEP

Self Evaluation Test and Review Questions at the end of chapters for self assessment

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