

Pro Engineer Wildfire 4 All Mechanism Tutorial

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although this set of four tutorials was written as a companion for the book moving from 2d cad to 3d cad for engineering design they are also

an excellent starting point for understanding and mastering the capabilities of pro engineer wildfire 4 0 you can get access to pro engineer wildfire 4 0 software by purchasing the student edition journeyed com or by downloading a free 30 day tryout edition from ptc com of course if you have a commercial version at work or home you can also complete the assignments and if you are at a school you can complete the tutorials on an academic edition

this textbook introduces the readers to pro engineer wildfire 5 0 the world s leading parametric solid modeling software in this textbook the author emphasizes on the solid modeling techniques that can be used to improve the productivity and efficiency of the users also the chapters are structured in a pedagogical sequence that makes this textbook very effective in learning the features and capabilities of the software chapter 1 introduction to pro engineer wildfi re 5 0 chapter 2 creating sketches in the sketch mode i chapter 3 creating sketches in the sketch mode ii chapter 4 creating base features chapter 5 datums chapter 6 options aiding construction of parts i chapter 7 options aiding construction of parts ii chapter 8 advanced modeling tools i chapter 9 advanced modeling tools ii chapter 10 advanced modeling tools iii chapter 11 assembly modeling chapter 12 generating editing and modifying drawing views chapter 13 dimensioning the drawing views chapter 14 other drawing options chapter 15 surface modeling chapter 16 working with sheetmetal components

the primary goal of parametric modeling with pro engineer wildfire 4 0 is to introduce the aspects of solid modeling and parametric modeling the text is a hands on exercise intensive approach to all the important parametric modeling techniques and concepts this book contains a series of ten tutorial style lessons designed to introduce beginning cad users to the most commonly used features of pro engineer each lesson introduces a new set of commands and concepts building on previous lessons this text guides you from constructing basic shapes to building intelligent solid models and creating multi view drawings the basic premise of this book is that the more designs you create the better you learn the software this book will establish a good basis for exploring and growing in the exciting field of computer aided engineering by the end of this book the reader will advance to an intermediate level pro engineer user

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pro engineer wildfire 3 0 for engineers designers introduces readers to pro engineer wildfire 3 0 the world s leading parametric solid modeling

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provides step by step lessons and instructions for high school students using the computer aided design software pro engineer wildfire 4 0 provided by publisher

provides tutorial style lessons that cover such topics as creating a simple object modeling utilities datum planes and sketcher tools patterns and copies engineering drawings and assembly operations

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