

# Designing Creo Parametric Michael Rider

designing with creo parametric 6.0 provides the high school student college student or practicing engineer with a basic introduction to engineering design while learning the 3d modeling computer aided design software called creo parametric from ptc the topics are presented in tutorial format with exercises at the end of each chapter to reinforce the concepts covered it is richly illustrated with computer screen shots throughout above all this text is designed to help you expand your creative talents and communicate your ideas through the graphics language because it is easier to learn new information if you have a reason for learning it this textbook discusses design intent while you are learning creo parametric at the same time it shows how knowledge covered in basic engineering courses such as statics dynamics strength of materials and design of mechanical components can be applied to design you do not need an engineering degree nor be working toward a degree in engineering to use this textbook although fea finite element analysis is used in this textbook its theory is not covered the first two chapters of this book describe the design process the meat of this text learning the basic creo parametric software is found in chapters 3 through 6 chapters 7 8 and 12 deal with dimensioning and tolerancing an engineering part chapters 9 and 10 deal with assemblies and assembly drawings chapter 11 deals with family tables used when similar parts are to be designed or

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