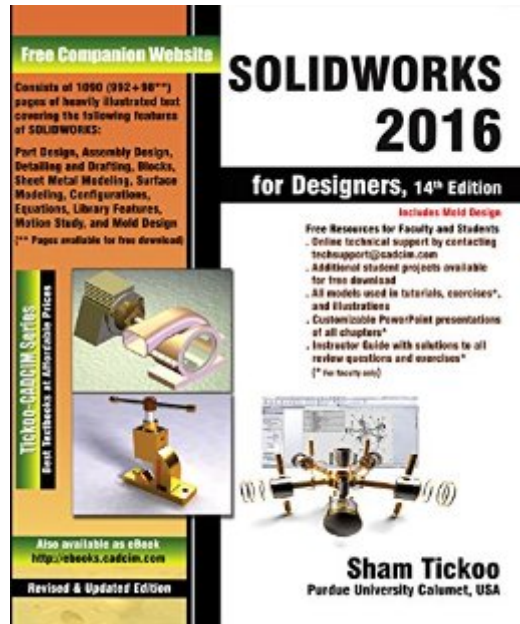The book was found

SOLIDWORKS 2016 For Designers, 14th Edition

Synopsis

SOLIDWORKS 2016 for Designers book is written to help the readers effectively use the modeling and assembly tools by utilizing the parametric and feature based approach of SOLIDWORKS 2016. This book provides detailed description of the tools that are commonly used in modeling, assembly, and sheet metal as well as in surfacing. The SOLDIWORKS 2016 for Designers book further elaborates on the procedure of generating the drawings of a model or assembly, which are used for documentation of a model or assembly.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 this book ensure that the users can relate the information provided in this textbook with the practical industry designs.Some of the Salient Features of this textbook are as follows: Consists of 21 chapters that are organized in a pedagogical sequence. The author has followed the tutorial approach to explain various concepts of SOLIDWORS 2016. Detailed explanation of SOLIDWORKS 2016 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 SOLIDWORKS 2016 concepts and techniques. Step-by-step instructions that guide the users through the learning process. Emphasis on Why and How with explanation. Several 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 are given at the end of each chapter so that the users can assess their knowledge. Technical support by contacting techsupport@cadcim.com. Additional learning resources at http://allaboutcadcam.blogspot.com.Brief Table of ContentsChapter 1: Introduction to SOLIDWORKS 2016Chapter 2: Drawing Sketches for Solid ModelsChapter 3: Editing and Modifying SketchesChapter 4: Adding Relations and Dimensions to SketchesChapter 5: Advanced Dimensioning Techniques and Base Feature OptionsChapter 6: Creating Reference GeometriesChapter 7: Advanced Modeling Tools-IChapter 8: Advanced Modeling Tools-IIChapter 9: Editing FeaturesChapter 10: Advanced Modeling Tools-IIIChapter 11: Advanced Modeling Tools-IVChapter 12: Assembly Modeling-IChapter 13: Assembly Modeling-IIChapter 14: Working with Drawing Views-IChapter 15: Working with Drawing Views-IIChapter 16: Surface ModelingChapter 17: Working with BlocksChapter 18: Sheet Metal DesignChapter 19: Equations, Configurations, and Library FeaturesChapter 20: Motion StudyChapter 21: Introduction to Mold DesignStudent ProjectsIndexAbout the AuthorCADCIM Technologies, Prof. Sham Tickoo of Purdue University Calumet, and the team of dedicated contributing authors are committed to bring you the best textbooks and free teaching and learning resources on Computer Aided Design, Manufacturing

and Engineering(CAD/CAM/CAE), Computer Programming and Applications, GIS, Civil, Animation, and related technologies. We strive to be the first and the best. That is our promise and our goal.Our team of authors consists of highly qualified and experienced Engineers and Programmers who have a strong academic and industrial background. They understand the needs of the students, the faculty, and the challenges the students face when they start working in industry. All our books have been structured in a way that facilitates teaching and learning, and also exposes students to real-world applications. The textbooks, apart from providing comprehensive study material, are well appreciated for the simplicity of content, clarity of style, and the in-depth coverage of the subject.

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