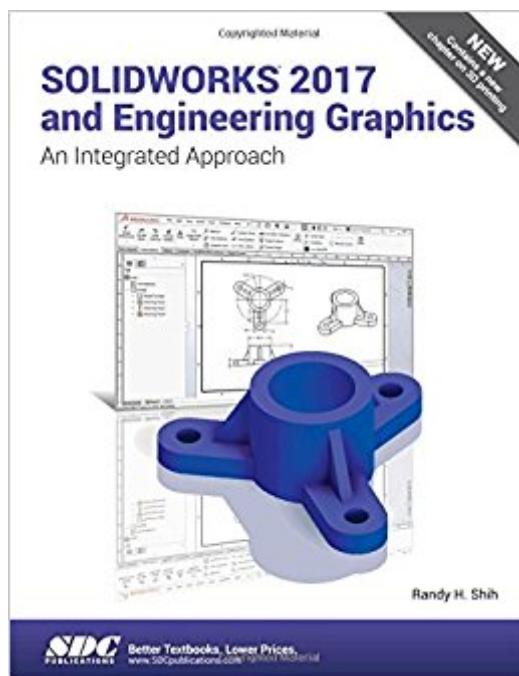**The book was found**

SOLIDWORKS 2017 And Engineering Graphics

Synopsis

SOLIDWORKS 2017 and Engineering Graphics: An Integrated Approach combines an introduction to SOLIDWORKS 2017 with a comprehensive coverage of engineering graphics principles. Not only will this unified approach give your course a smoother flow, your students will also save money on their textbooks. What s more, the exercises in this book cover the performance tasks that are included on the Certified SOLIDWORKS Associate (CSWA) Examination. Reference guides located at the front of the book and in each chapter show where these performance tasks are covered. The primary goal of SOLIDWORKS 2017 and Engineering Graphics: An Integrated Approach is to introduce the aspects of Engineering Graphics with the use of modern Computer Aided Design package SOLIDWORKS 2017. This text is intended to be used as a training guide for students and professionals. The chapters in this text proceed in a pedagogical fashion to guide you from constructing basic shapes to making complete sets of engineering drawings. This text takes a hands-on, exercise-intensive approach to all the important concepts of Engineering Graphics, as well as in-depth discussions of parametric feature-based CAD techniques. This textbook contains a series of sixteen chapters, with detailed step-by-step tutorial style lessons, designed to introduce beginning CAD users to the graphics language used in all branches of technical industry. This book does not attempt to cover all of SOLIDWORKS 2017 s features, only to provide an introduction to the software. It is intended to help you establish a good basis for exploring and growing in the exciting field of Computer Aided Engineering. Table of Contents 1. Introduction 2. Parametric Modeling Fundamentals 3. Constructive Solid Geometry Concepts 4. Geometric Constructions 5. Feature Design Tree 6. Geometric Construction Tools 7. Orthographic Projections and Multiview Constructions 8. Dimensioning and Notes 9. Tolerancing and Fits 10. Pictorials and Sketching 11. Section Views & Symmetrical Features in designs 12. Auxiliary Views and Reference Geometry 13. Threads and Fasteners 14. Working Drawings 15. CSWA Exam Preparation 16. Introduction to 3D Printing Appendix Index

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