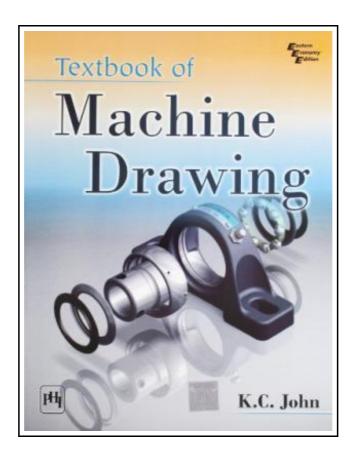
Textbook of Machine Drawing



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Reviews

This ebook could be worthy of a read through, and far better than other. I am quite late in start reading this one, but better then never. I realized this publication from my dad and i advised this publication to learn.

(Stefan Von)

TEXTBOOK OF MACHINE DRAWING



PHI Learning, 2009. Softcover. Book Condition: New. First edition. This book provides a detailed study of technical drawing and machine design to acquaint students with the design, drafting, manufacture, assembly of machines and their components. The book explains the principles and methodology of converting threedimensional engineering objects into orthographic views drawn on two-dimensional planes. It describes various types of sectional views which are adopted in machine drawing as well as simple machine components such as keys, cotters, threaded fasteners, pipe joints, welded joints, and riveted joints. The book also illustrates the principles of limits, fits and tolerances and discusses geometrical tolerances and surface textures with the help of worked-out examples. Besides, it describes assembly methods and drafting of power transmission units and various mechanical machine parts of machine tools, jigs and fixtures, engines, valves, etc. Finally, the text introduces computer aided drafting (CAD) to give students a good start on professional drawing procedure using computer. KEY FEATURES: Follows the International Standard Organization (ISO) code of practice for drawing. Includes a large number of dimensioned illustrations and worked-out examples to explain the design and drafting process of various machines and their components. Contains chapter-end exercises to help students develop their design and drawing skills. This book is designed for degree and diploma students of mechanical, production, automobile, industrial and chemical engineering. It is also useful for mechanical draftsmen and designers. CONTENTS Preface Module A: PRELIMINARIES 1. Objectives and Methods of Analysis and Design 2. Dimensioning Module B: FUNDAMENTALS OF MACHINE DRAWING 3. Multiview Projection 4. Sectional Views Module C: JOINTS 5. Threaded Fasteners and Joints 6. Keys, Cotters and Pin Joints 7. Welded Joints 8. Riveted Joints 9. Pipe Joints and Layouts Module D: PRODUCTION DRAWINGS 10. Limits, Fits and Tolerances 11. Geometrical Tolerancing 12. Surface Texture 13. Shop Floor...



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