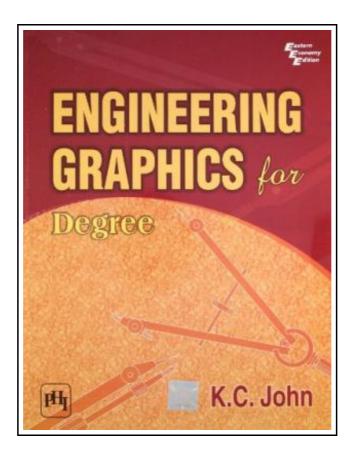
Engineering Graphics for Degree



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Reviews

A must buy book if you need to adding benefit. It is actually rally fascinating throgh studying time. Your way of life span will likely be transform as soon as you complete looking over this publication. (Ms. Bernice Rolfson)

ENGINEERING GRAPHICS FOR DEGREE



PHI Learning, 2009. Softcover. Book Condition: New. First edition. This book provides a detailed study of geometrical drawing through simple and well-explained worked-out examples. It is designed for first-year engineering students of all branches. The book is divided into seven modules. A topic is introduced in each chapter of a module with brief explanations and necessary pictorial views. Then it is discussed in detail through a number of worked-out examples, which are explained using step-by-step procedure and illustrating drawings. Module A covers the fundamentals of manual drafting, lettering, freehand sketching and dimensioning of views. Module B describes two-dimensional drawings like geometrical constructions, conics, miscellaneous curves and scales. Three-dimensional drawings, such as projections of points, lines, plane lamina, geometrical solids and sections of them are well explained in Module C. Module D deals with intersection of surfaces and their developments. Drawing of pictorial views is illustrated in Module E, which includes isometric projection, oblique projection and perspective projections. Module F covers the fundamentals of machine drawing. Finally, in Module G the book introduces computer-aided drafting (CAD) to make the readers familiar with the state-ofthe-art techniques of drafting. Key Features: Follows the International Standard Organization (ISO) code of practice for drawing. Includes a large number of dimensioned illustrations, worked-out examples, and university questions and answers to explain the geometrical drawing process. Contains chapter-end exercises to help students develop their drawing skills. CONTENTS: Preface MODULE-A (PRELIMINARIES) 1. Introduction to Engineering Graphics 2. Lettering 3. Freehand Drafting 4. Dimensioning MODULE-B (TWO-DIMENSIONAL DRAWINGS) 5. Geometrical Constructions 6. Conic Sections 7. Miscellaneous Curves 8. Scales MODULE-C (THREE-DIMENSIONAL DRAWINGS) 9. Projections of Points 10. Projections of Straight Lines 11. Projections of Plane Figures 12. Projections of Solids 13. Sections of Solids MODULE-D (DRAWINGS OF SURFACES) 14. Intersection of Surfaces 15. Development of Surfaces MODULE-E (PICTORIAL DRAWINGS)...



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