



Fudamentals of Engineering Drawing: With an Introduction to Interactive Computer Graphics for Design and Production, Eleventh Edition

By Jon M. Duff, Warren J. Luzadder

PHI Learning, 2009. Softcover. Book Condition: New. 5th or later edition. Extensively revised and updated, this highly successful text provides fundamental treatment of engineering graphics, geometry and modeling. It reflects the most modern drafting procedures from the fundamentals to the techniques and practices in specialized fields for engineers and technologists. The authors cover all topics basic to the preparation of working drawings for both products and systems, including multiview drawing and freehand sketching, spatial geometry, and design and dimensioning practices. Contents Preface. Introduction. PART 1: BASIC GRAPHICAL TECHNIQUES_Drawing Instruments, Computer Drafting Equipment, and Drafting Techniques; Engineering Geometry. PART 2: SPATIAL GRAPHICS: SHAPE DESCRIPTION AND SPATIAL RELATION-SHIPS_Representation of Space Relationships: Two and Three Dimensional: Multiview Representation for Design and Product Development; Freehand Sketching for Visualization and Communication; Sectional Views; Auxiliary Views; Spatial Geometry for Design and Analysis; Developments and Intersections; Pictorial Presentation. PART 3: DESIGN_Design Process and Graphics. PART 4: GRAPHICS FOR DESIGN AND COMMUNICATION_Dimensions, Notes, Limits, and Geometric Tolerances; Fastening and Connecting Methods for Assembly; Shop Processes and Tool Drawings; Production Drawings and Process Models. PART 5: CAD/CAM: COMPUTER-AIDED DESIGN

Reviews

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