

Fundamentals of Solid Modeling and Graphics Communication, 7e

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Detailed List of New Features

Connect with SmartBook for the first time.

Connect and SmartBook are available for the first time with this edition.

New and revised exercises and end-of-chapter problems also emphasize visualization, graphical and spatial problem solving through the use of interactive solid modeling, sketching and related documentation.

Previously known as Fundamentals of Graphics Communication, 7e.

Retained Features

3-D solid modeling documentation and sketches. Solid modeling creation and editing techniques are presented with new learning activities, as well as discussions of standards and CAD data exchange. The 3-D solid modeling activities focus on the assembly, design, and function of products through the inclusion of new assembly modeling projects.

Outstanding pedagogy, including "Dream High Tech Job" boxes which introduce students to interesting careers and people in the fields of graphics, CAD, and design and also "Design in Industry" boxes which cover some aspect of design as practiced in industry.

Step-by-step illustrated drawing technique examples clearly demonstrate how to create graphics and solve problems.

Over 500 problems are included. Most end-of-chapter problems are parts or assemblies of modern devices and products.

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